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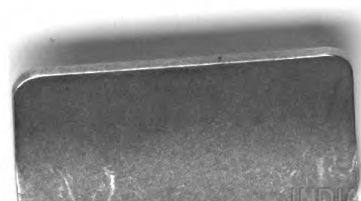


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NUMISMATIC LITERATURE

No. 123

March 1990



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THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

THE AMERICAN NUMISMATIC SOCIETY

Founded 1858

Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are thirty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly *Newsletter* are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

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THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Each issue of *NL* is now paged separately, rather than consecutively within each issue, and an abstract can therefore be identified by the number together with the abstract number, for example, 81-1. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. At the end of each section is a list of numbered cross references to abstracts with related material in other sections. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcomed and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a Festschrift or Proceedings of a Congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are retained from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

<i>AA</i>	<i>Archäologischer Anzeiger. Beiblatt zum Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, W. Germany.
<i>AAntiquaAcadSciHung</i>	<i>Acta Antiqua Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia, Klassika-Filológiai Közleményei, Budapest, Hungary.
<i>AArchAcadSciHung</i>	<i>Acta Archaeologica Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia Régészeti Közleményei, Budapest, Hungary.
<i>AArchCarpathica</i>	<i>Acta Archaeologica Carpathica.</i> Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>AArchLodziensia</i>	<i>Acta Archaeologica Lodziensia.</i> Łódzkie Towarzystwo Naukowe (Societas Scientiarum Lodziensis), Łódź, Poland.
<i>ABalt-Slav</i>	<i>Acta Baltico-Slavica.</i> Białostockie Towarzystwo Naukowe, Białystok, Poland.
<i>ABhandarkarOrResInst</i>	<i>Annals of the Bhandarkar Oriental Research Institute.</i> Poona, India.
<i>al-Abhath</i>	<i>al-Abhath.</i> American University of Beirut, Beirut, Lebanon.
<i>AbhBerlin</i>	<i>Abhandlungen.</i> Akademie der Wissenschaften, philosophisch-historische Klasse, Berlin, W. Germany.
<i>ÅBohuslänsHembygds</i>	<i>Årrskrift.</i> Bohusläns Hembygdsförbund, Uddevalla, Sweden.
<i>ABSA</i>	<i>Annual. British School at Athens.</i> London, England.
<i>AC</i>	<i>L'Antiquité Classique.</i> Louvain, Belgium.
<i>ACME</i>	<i>ACME.</i> Università degli Studi di Milano, Milan, Italy.
<i>ACR</i>	<i>Australian Coin Review.</i> Melbourne, Australia.
<i>ActaA</i>	<i>Acta Archaeologica.</i> Copenhagen, Denmark.
<i>ActaArch</i>	<i>Acta Archaeologica Academiae Scientiarum Hungariae.</i> Publishing House of the Hungarian Academy of Sciences, Budapest, Hungary.
<i>ActaArchLov</i>	<i>Acta Archaeologica Lovaniensia.</i> Louvain, Département Archeologie en Kunstgeschiedenis, Louvain, Belgium.
<i>Acta Num</i>	<i>Acta Numismatica.</i> Societat Catalana d'Estudis Numismàtics, Barcelona, Spain.

<i>ActaPraehistArch</i>	<i>Acta Praehistorica et Archaeologica</i> . Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte, Preussischer Kulturbesitz Berlin, the Ibero-Amerikanische Institut, and Staatlichen Museum, Berlin, E. Germany.
<i>ADelt</i>	<i>Archaiologikon Deltion</i> . Athens, Greece.
<i>AdvArchMethodTheory</i>	<i>Advances in Archaeological Method and Theory</i> . Academic Press, New York, New York, U.S.A.
<i>AE</i>	<i>Arkheograficheskiĭ Ezhegodnik</i> . Akademika Nauk SSSR, Otdelenie Obshchestvennykh Nauk, Moscow, U.S.S.R.
<i>Aegyptus</i>	<i>Aegyptus</i> . Rivista Italiana de Egittologia e di papirologia. Milan, Italy.
<i>AF</i>	<i>Ausgrabungen und Funde</i> . Nachrichtenblatt für Vor- und Frühgeschichte. Akademie der Wissenschaften, Berlin, E. Germany.
<i>Afghan Studies</i>	<i>Afghan Studies</i> . London, England.
<i>Africa</i>	<i>Africa. Fouilles, Monuments et Collections Archéologiques en Tunisie</i> . République Tunisienne, Ministère des Affaires Culturelles et de l'Information, Institut National d'Archéologie et Arts, Tunis, Tunisia.
<i>AHHI</i>	<i>Alon Hahebra Hanumismatit Le'Israel</i> . Newssheet of the Israel Numismatic Society, Tel Aviv, Israel.
<i>AIB</i>	<i>Arkheologiya i Istoriya Bospora</i> . Sbornik Stateĭ Gosudarstvennyĭ Kerchenskiĭ Istorikoarkheologicheskii Muzei imeni A.S. Pushkina, Simferopol, U.S.S.R.
<i>AIIN</i>	<i>Annali. Istituto Italiano di Numismatica</i> . Rome, Italy.
<i>AJA</i>	<i>American Journal of Archaeology</i> . Archaeological Institute of America, New York, New York, U.S.A.
<i>AJP</i>	<i>American Journal of Philology</i> . Johns Hopkins University Press, Baltimore, Maryland, U.S.A.
<i>AK</i>	<i>Antike Kunst</i> . Vereinigung der Freunde Antiker Kunst, Basel, Switzerland.
<i>Al Quds al Sharīf</i>	<i>Al Quds al Sharīf</i> . Amman, Jordan.
<i>Alt-Thüringen</i>	<i>Alt-Thüringen. Jahresschrift des Museums für Ur- und Frühgeschichte Thüringen</i> . Weimar, W. Germany.
<i>AlteModKunst</i>	<i>Alte und Moderne Kunst. Österreichische Fachzeitschrift des Marktes für Antiquitäten, Bilder,</i>

	<i>Kunstgegenstände Alter und Moderner Kunst.</i> Vienna, Austria.
<i>Aluta</i>	<i>Aluta.</i> Muzeul Județean, Sfantu-Gheorghe, Romania.
<i>AM</i>	See <i>MDAI(A)</i> .
<i>Amgueddfa</i>	<i>Amgueddfa.</i> National Museum of Wales, Cardiff, Wales.
<i>Amphora</i>	<i>Amphora.</i> Bulletin du Cercle archéologique Am- phora, Braine l'Alleud, Belgium.
<i>Ampurias</i>	<i>Ampurias.</i> <i>Revista de Arqueología, Prehistoria y Et- nología.</i> Disputacion Provincial de Barcelona, Servicio de Investigaciones Arqueológicas, Barcelona, Spain.
<i>AMUGS</i>	<i>Antike Münzen und Geschnittene Steine.</i> Berlin, Germany.
<i>AMusNapocensis</i>	<i>Acta Musei Napocensis.</i> Muzeul de Istorie, Cluj, Romania.
<i>AMusPorol</i>	<i>Acta Musei Porolissensis.</i> Muzeul de Istorie și Ar- tă, Zalău, Romania.
<i>AnalUnivBucurești</i>	<i>Analele Universității București. Științe Sociale, Seria Istorie.</i> Bucharest, Romania.
<i>AnalUnivCraiova</i>	<i>Analele Universității din Craiova. Seria Istorie, Geografie, Filologie.</i> Craiova, Romania.
<i>AnatStud</i>	<i>Anatolian Studies.</i> <i>Journal of the British Institute of Archaeology at Ankara.</i> London, England.
<i>AncSoc</i>	<i>Ancient Society.</i> Seminary of Ancient History, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>AnInstIstArhCluj</i>	<i>Anuarul Institutului de Istorie și Arheologie Cluj- Napoca.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Filiala Cluj-Napoca, Cluj, Romania.
<i>ANJ</i>	<i>Australian Numismatic Journal.</i> Numismatic Socie- ty of South Australia, Adelaide, Australia.
<i>AnnaliFacLetFilo</i>	<i>Annali della Facoltà di Lettere e Filosofia.</i> Univer- sità degli Studi di Perugia, Perugia, Italy.
<i>AnnaliSNSPisa</i>	<i>Annali della Scuola Normale Superiore di Pisa.</i> Scuola Normale Superiore, Pisa, Italy.
<i>AnnABorsod</i>	<i>Annual of Archiv in Borsod.</i> Archiv of comitat Bor- sod, Miskolc, Hungary.
<i>AnnDAJ</i>	<i>Annual of the Department of Antiquities.</i> Amman, Jordan.
<i>AnnÉcPratHÉt</i>	<i>Annuaire de l'École Pratique des Hautes Études, IVème Section.</i> Paris, France.
<i>AnnHungNumSoc</i>	<i>Annual of the Hungarian Numismatic Society.</i> Budapest, Hungary.
<i>AnnMusNatArchPlovdiv</i>	<i>Annuaire du Musée National Archéologique, Plovdiv.</i>

	Plovdiv, Bulgaria.
<i>AnnOHMus</i>	<i>Annual of the Otto Herman Museum</i> . Otto Herman Museum, Miskolc, Hungary.
<i>AnnUnivPadova</i>	<i>Annali dell'Università di Padova. Facoltà di Economia e Commercio in Verona</i> . Verona, Italy.
<i>ANormandia</i>	<i>Annales de Normandie; Revue Trimestrielle d'Études Régionales</i> . Rouen, France.
<i>ANSMN</i>	<i>American Numismatic Society Museum Notes</i> . New York, New York, U.S.A.
<i>ANSNS</i>	See <i>NS</i> .
<i>Antemurale</i>	<i>Antemurale</i> . Institutum Historicum Polonicum Romae/Societas Polonica Scientiarum et Litterarum in Exteri Londinii, Rome, Italy/London, England.
<i>Antichthon</i>	<i>Antichthon</i> . Journal of the Australian Society for Classical Studies, Sydney, Australia.
<i>Antigua</i>	<i>Antigua</i> . Revista di Archeologia, architettura, urbanistica dalle origini al Medioeva. Rome, Italy.
<i>AntiqAfr</i>	<i>Antiquités Africaines</i> . Centre National de Recherche Scientifique, Paris, France.
<i>Antiquity</i>	<i>Antiquity. A Quarterly Review of Archaeology</i> . Gloucester, England.
<i>AntJ</i>	<i>Antiquaries' Journal. Journal of the Society of Antiquaries of London</i> . London, England.
<i>AOKW</i>	<i>Annalen van de Oudheidkundige Kring van het Land van Waas</i> . Sint-Niklaas-Waas, Belgium.
<i>APA</i>	<i>Acta Praehistorica et Archaeologica</i> . Berlin, W. Germany.
<i>Applied Spectroscopy</i>	<i>Applied Spectroscopy</i> . Society for Applied Spectroscopy, Baltimore, Maryland, U.S.A.
<i>Apulum</i>	<i>Apulum. Acta Musei Apulensis</i> . Alba Iulia, Romania.
<i>Aquilchiam</i>	<i>Aquileia chiama</i> . Associazione nazionale per Aquileia, Udine, Italy.
<i>Arabica</i>	<i>Arabica. Revue d'Études Arabes</i> . Leiden, Netherlands.
<i>ArchAeliana</i>	<i>Archaeologica Aeliana; or Miscellaneous Tracts Relating to Antiquities</i> . Society of Antiquaries, Newcastle-upon-Tyne, England.
<i>Archaeologia</i>	<i>Archaeologia; or Miscellaneous Tracts Relating to Archaeology</i> . Society of Antiquaries, London, England.
<i>Archaeology</i>	<i>Archaeology</i> . Archaeological Institute of America, New York, New York, U.S.A.
<i>Archaeometry</i>	<i>Archaeometry</i> . Research Laboratory for Archaeology and the History of Art, Oxford

	University, Oxford, England.
<i>Archaiologia</i>	<i>Archaiologia</i> . Lambrakis Press, Athens, Greece.
<i>ArchAnAth</i>	<i>Archaiologika Analekta ex Athēnōn</i> . Athens, Greece.
<i>ArchCambrensis</i>	<i>Archaeologia Cambrensis</i> . Cambrian Archaeological Association, London, England.
<i>ArchCantiana</i>	<i>Archaeologia Cantiana</i> . <i>Transactions of the Kent Archaeological Society</i> . London, England.
<i>ArchCl</i>	<i>Archeologia Classica</i> . Università di Roma, Istituto di Archeologia, Rome, Italy.
<i>ArchCypria</i>	<i>Archaeologia Cypria</i> . Annual of the Association of Cypriot Archaeologists, Nicosia, Cyprus.
<i>ArchEnviron</i>	<i>Archaeology and Environment</i> . Department of Archaeology, University of Umeå, Umeå, Sweden.
<i>Archeologia</i>	<i>Archeologia</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Warsaw, Poland.
<i>Archéologie</i>	<i>Archéologie</i> . Centre National de Recherches Archéologiques en Belgique, Brussels, Belgium.
<i>Archéonumis</i>	<i>Archéonumis</i> . <i>Revue d'art, de numismatique et d'archéologie</i> . Société d'Informations Artistiques, Numismatiques et Archéologiques, Paris, France.
<i>ArchEphemeris</i>	<i>Archaiologike Ephemeris</i> . Archaiologiki Hetairia en Athenais, Athens, Greece.
<i>ArchEspArq</i>	<i>Archivo Español de Arqueología</i> . Instituto del Consejo Superior de Investigaciones Científicas, Madrid, Spain.
<i>ArchEurMedAev</i>	<i>Archivum Eurasiae Medii Aevi</i> . Otto Harrassowitz, Wiesbaden, W. Germany.
<i>ArchFrankGeschKunst</i>	<i>Archiv für Frankfurts Geschichte und Kunst</i> . Dr. Waldemar Kramer, Frankfurt-am-Main, W. Germany.
<i>ArchHéraldSuisses</i>	<i>Archives Héraldiques Suisses</i> . <i>Annuaire</i> . Lausanne, Switzerland.
<i>ArchHistLev</i>	<i>Archivo de Prehistoria Levantina</i> . Valencia, Spain.
<i>ArchJ</i>	<i>The Archaeological Journal</i> . Royal Archaeological Institute of Great Britain and Ireland, London, England.
<i>ArchJuives</i>	<i>Archives Juives</i> . <i>Cahiers de la Commission des Archives Juives</i> . Paris, France.
<i>ArchLaziale</i>	<i>Archeologia Laziale</i> . Quaderni del Centro di Studi per l'Archeologia etrusco-italica, Consiglio Nazionale delle Ricerche, Rome, Italy.
<i>ArchMedio</i>	<i>Archeologia Medioeva</i> . Gruppo Archeologico Romano, Rome, Italy.

<i>ArchNachrBaden</i>	<i>Archäologische Nachrichten aus Baden</i> . Baden, W. Germany.
<i>ArchPol</i>	<i>Archeologia Polski</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>ArchPolona</i>	<i>Archaeologia Polona</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>Arch Rozhledy</i>	<i>Archeologické Rozhledy</i> . Archeologický Ústav, Československá Akademie Věd, Prague, Czechoslovakia.
<i>ArchSchlesische Kirchengesch</i>	<i>Archiv für Schlesische Kirchengeschichte</i> . Institut für Ostdeutsche Kirchen- und Kulturgeschichte, Hildesheim, W. Germany.
<i>ArchStorMess</i>	<i>Archivio Storico Messinese</i> . Società Messinese di Storia Patria, Messina, Italy.
<i>ArchStorSiciliaOrient</i>	<i>Archivio Storico per la Sicilia Orientale</i> . Società di Storia Patria, Catania, Sicily.
<i>ArchTriest</i>	<i>Archeografo Triestino</i> . Società del Gabinetto di Minerva, Trieste, Italy.
<i>ArchVenet</i>	<i>Archivio Veneta</i> . Deputazione di Storia Patria, Venice, Italy.
<i>ArchVeneta</i>	<i>Archeologia Veneta</i> . Società Archeologica Veneta, Padua, Italy.
<i>ArchViva</i>	<i>Archeologia Viva</i> . Arte e Natura editors, Florence, Italy.
<i>ArdenneFamenne</i>	<i>Ardenne et Famenne</i> . Embourg, Belgium.
<i>Arethusa</i>	<i>Arethusa</i> . State University of New York, Buffalo, New York, U.S.A.
<i>Argo</i>	<i>Argo</i> . Narodni Muzej, Ljubljana, Yugoslavia.
<i>ArhMoldovei</i>	<i>Arheologia Moldovei</i> . Institutul de Istorie și Arheologie, Iași, Romania.
<i>ArhivOlteniei</i>	<i>Arhivele Olteniei, Craiova</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România. Centru de Științe Sociale, Craiova, Romania.
<i>ArhV</i>	<i>Arheoloski Vestnik (Acta Archaeologica)</i> . Academia Scientiarum et Artium Slovenica, Ljubljana, Yugoslavia.
<i>Arkheologiia</i>	<i>Arkheologiia. Organ na Arkheologicheskiia Institut i Muzei pri B'lgarskata Akademiia na Naukite</i> . Sofia, Bulgaria.
<i>Arkhiiv Ukr</i>	<i>Arkhiiv Ukraini. Naukovo Informatsiiniĭ B'iuletēn' Arkhiivnogo Upravliniia pri Radi Ministriv URSR</i> . Kiev, U.S.S.R.
<i>ArkKiev</i>	<i>Arkheologiia. Akademiia Nauk USSR, Institut Arkheologii, Kiev, U.S.S.R.</i>

<i>ArkOtkr</i>	<i>Arkheologicheskie Otkrytiia</i> [Archaeological Discoveries]. AN SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>ArkPamURSR</i>	<i>Arkheologichi Pamiatniki URSR</i> . Akademiia Nauk Ukrainsoi SSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>Armenian NJ</i>	<i>Armenian Numismatic Journal</i> . Armenian Numismatic Society, Pico Rivera, California, U.S.A.
<i>Armenia Today</i>	<i>Armenia Today</i> . Armenian Society for Friendly and Cultural Ties with Foreign Countries, Erevan, U.S.S.R.
<i>ArqPort</i>	<i>Arqueólogo Português</i> . Lisbon, Portugal.
<i>Arrabona</i>	<i>Arrabona. A Györi Múzeum Évkönyve</i> . Győr, Hungary.
<i>Arse</i>	<i>Arse</i> . Sagunto, Spain.
<i>ARSRMemSectStiintIst</i>	<i>Academia Republicii Socialiste România, Memoriile Secției de Științe Istorice</i> . Series IVA. Bucharest, Romania.
<i>Årsskrift</i>	<i>Årsskrift</i> . Förening för bevarande af stadens minnen, Gamla Lund, Lund, Sweden.
<i>ArtQ</i>	<i>Art Quarterly</i> . Detroit Institute of Arts, Detroit, Michigan, U.S.A.
<i>Aryana</i>	<i>Aryana</i> . Anjumani Tariki Afghanistan [Historical Society of Afghanistan], Kabul, Afghanistan.
<i>AS</i>	See <i>AnatStud</i> .
<i>ASECONUM</i>	<i>ASECONUM</i> . Asociación Española de Comerciantes de Numismática, Madrid, Spain.
<i>Asharq Al-Awsat</i>	<i>Asharq Al-Awsat</i> . Arabic daily, London, England.
<i>Ashmolean</i>	<i>The Ashmolean</i> . Ashmolean Museum, Oxford, England.
<i>ASocArchNamur</i>	<i>Annales de la Société Archéologique de Namur</i> . Namur, Belgium.
<i>ASocSciLittCannes</i>	<i>Annales de la Société Scientifique Littéraire de Cannes et de l'Arrondissement de Grasse</i> . Cannes, France.
<i>Atacina</i>	<i>Atacina</i> . Laboratoire de préhistoire et de paléontologie, Dépôt de fouilles préhistoriques, Carcassonne, France.
<i>Athenaeum</i>	<i>Athenaeum; Studi Periodici di Letteratura e Storia dell'Antichità</i> . Università di Pavia, Amministrazione di Athenaeum, Pavia, Italy.
<i>AthMitt</i>	See <i>MDAI[A]</i> .
<i>Atiqot</i>	<i>Atiqot</i> . Department of Antiquities, Jerusalem, Israel.
<i>AttiAccadSciBologna</i>	<i>Atti dell'Scienze di Bologna. Rendiconti</i> . Accademia delle Scienze di Bologna, Bologna, Italy.

<i>AttiIstVeneto</i>	<i>Atti. Istituto Veneto di Scienze, Lettere ed Arti.</i> Venice, Italy.
<i>AttiMem</i>	<i>Atti e memorie.</i> Deputazione di storia patria per le Marche, Ancona, Italy.
<i>AttiMemSocMagnaGrecia</i>	<i>Atti e Memorie della Società Magna Grecia.</i> Rome, Italy.
<i>AttiMemSocTiburtina</i>	<i>Atti e Memorie della Società Tiburtina di Storia e d'Arte.</i> Accademia degli Agevoli/Colonia degli Arcadi Sibillini, Tivoli, Italy.
<i>AttiMemStorPatModen</i>	<i>Atti e Memorie della Deputazione di Storia Patria per le Antiche Province Modenesi.</i> Aedes Muratoriana, Modena, Italy.
<i>AttiSocLigStorPatria</i>	<i>Atti della Società Ligure di Storia Patria.</i> Deputazione di Storia Patria per la Liguria, Genoa, Italy.
<i>Augur</i>	<i>The Augur.</i> Biblical Numismatic Society, Beverly Hills, California, U.S.A.
<i>Auvergne Litt</i>	<i>L'Auvergne Littéraire, Artistique et Historique.</i> Clermont-Ferrand, France.
<i>AV</i>	<i>Annales Valaisannes.</i> Société d'Histoire du Valais Romand, Saint-Maurice, Switzerland.
<i>AylikAnsikDergi</i>	<i>Aylik Ansiklopedik Dergi.</i> Istanbul, Turkey.
<i>AzÉrem</i>	<i>Magyar Éremgyűjtők Egyesülete.</i> Association of the Hungarian Coin Collectors, Budapest, Hungary.
<i>BA</i>	<i>Bollettino d'Arte del Ministero della Pubblica Istruzione.</i> Rome, Italy.
<i>BAA</i>	<i>British Archaeological Abstracts.</i> Council for British Archaeology, London, England.
<i>BAcadRoyBelg</i>	<i>Bulletin de la Classe des Lettres et des Sciences Morales et Politiques, Académie Royale de Belgique.</i> Brussels, Belgium.
<i>BadHersfelder Jh</i>	<i>Bad Hersfelder Jahreshft.</i> Hersfeld, W. Germany.
<i>Balkan Stud</i>	<i>Balkan Studies.</i> Institute for Balkan Studies, Thessalonica, Greece.
<i>Banatica</i>	<i>Banatica.</i> Comitetul de Cultură Socialista al Județului Caraș Severin, Muzeul Județean, Reșița, Romania.
<i>BanbErevHamal</i>	<i>Banber Erevani Hamalsarani—Vestnik Erevanskogo Universiteta.</i> Erevan, U.S.S.R.
<i>Bancoposten</i>	<i>Bancoposten.</i> Stockholm, Sweden.
<i>Bankovka</i>	<i>Bankovka: Informační Bulletin Klubu Sběratelů Papirových Platidel Numismatické Společnosti Československé.</i> Prague, Czechoslovakia.
<i>BankSudanEcFinBull</i>	<i>Bank of Sudan Economic and Financial Bulletin.</i> Bank of Sudan, Economics Department, Khartoum, Sudan.

<i>Bankszemle</i>	<i>Bankszemle</i> . Hungarian National Bank, Budapest, Hungary.
<i>Barilla</i>	<i>Barilla</i> . Central Bank Money Museum, Manila, Philippine Islands.
<i>BASOR</i>	<i>Bulletin of the American Schools of Oriental Research</i> . American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>Bayerland</i>	<i>Bayerland</i> . Munich, W. Germany.
<i>BayerVorgeschbl</i>	<i>Bayerische Vorgeschichtsblätter</i> . Bayerischen Akademie der Wissenschaften, Kommission für bayerische Landesgeschichte, Munich, W. Germany.
<i>BCASicilia</i>	<i>BCA Sicilia</i> . Regione Siciliana, Assessorato ai Beni Culturali e Ambientali e alla Pubblica Istruzione, Palermo, Italy.
<i>BCH</i>	<i>Bulletin de Correspondance Hellénique</i> . École Française d'Athènes, Paris, France.
<i>BCTH</i>	<i>Bulletin archéologique du Comité des travaux historiques et scientifiques</i> . Paris, France.
<i>BEcCamCommercRavenna</i>	<i>Bollettino Economico</i> . Camera di Commercio, Industria, Artigianato e Agricoltura di Ravenna, Ravenna, Italy.
<i>BeitrDeutschVolksAlttertums-kunde</i>	<i>Beiträge zur Deutschen Volks- und Alttertumskunde</i> . Museum für Hamburgische Geschichte, Hamburg, W. Germany.
<i>BeitrNordhausen</i>	<i>Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen</i> . Nordhausen, East Germany.
<i>Belgeler</i>	<i>Belgeler</i> [Documents]. Türk Tarih Kurumu Basımevi, Ankara, Turkey.
<i>Belgelerle Türk Tarihi Dergisi</i>	<i>Belgelerle Türk Tarihi Dergisi</i> . Ayluk Tarih ve Kültür Dergisi, Istanbul, Turkey.
<i>Belleten</i>	<i>Belleten</i> . Türk Tarih Kurumu Basımevi, Ankara, Turkey.
<i>Berichte</i>	<i>Münzen und Medaillensammler Berichte aus allen Gebieten der Geld-, Münzen- und Medaillenkunde</i> . Freiburg im Breisgau, W. Germany.
<i>Berkshire ArchJ</i>	<i>Berkshire Archaeological Journal</i> . Berkshire Archaeological and Architectural Society, Reading, England.
<i>Berliner NumZ</i>	<i>Berliner Numismatische Zeitschrift</i> . Numismatische Gesellschaft zu Berlin, Berlin, W. Germany.
<i>BerStaatDenkmalpf Saarland</i>	<i>Bericht der Staatlichen Denkmalpflege in Saarland</i> . Beiträge zur Archäologie und Kunstgeschichte. Staatliches Konservatoramt, Saarbrücken, W. Germany.
<i>Berytus</i>	<i>Berytus</i> . American University of Beirut,

<i>BethHamikra</i>	Museum of Archaeology, Beirut, Lebanon. <i>Beth Hamikra. Bulletin of the Israel Society for Biblical Research and the World Jewish Biblical Society.</i> Jerusalem, Israel.
<i>BÉtOrient</i>	<i>Bulletin d'Études Orientales.</i> Institut Français de Damas, Damascus, Syria.
<i>BiblArch</i>	<i>Biblical Archaeologist.</i> American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>BiblÉcChartes</i>	<i>Bibliothèque de l'École des Chartes.</i> Paris, France.
<i>BiblHistVaudoise</i>	<i>Bibliothèque Historique Vaudoise.</i> Société Historique Vaudoise, Lausanne, Switzerland.
<i>BiblOrient</i>	<i>Bibliotheca Orientalis.</i> Nederlands Instituut voor het Nabije Oosten, Leiden, Netherlands.
<i>BickelCMN</i>	<i>Bickel's Coin and Medal News. Munt en Medaljenuus.</i> Johannesburg, S. Africa.
<i>BICS</i>	<i>Bulletin of the Institute of Classical Studies.</i> London, England.
<i>Bild der Wissenschaft</i>	<i>Bild der Wissenschaft. Zeitschrift über die Wissenschaften und die Technik in Unserer Zeit.</i> Stuttgart, W. Germany.
<i>BInfZakNarod</i>	<i>Biuletyn Informacyjny Zakładu Narodowego Ossolińskich Biblioteki Polskiej Akademii Nauk.</i> Wrocław, Poland.
<i>BiulInforZarMuz</i>	<i>Biuletyn Informacyjny Zarządu Muzeów i Ochrony Zabytków.</i> Board of Museums and Preservation of Monuments of the Ministry of Culture and Art in Poland.
<i>BiulŻydowskiego InstHist</i>	<i>Biuletyn Żydowskiego Instytutu Historycznego.</i> Warsaw, Poland.
<i>BlDeutscheLandesgesch</i>	<i>Blätter für Deutsche Landesgeschichte.</i> Gesamtverein der Deutschen Geschichts- und Altertumsvereine, Wiesbaden, W. Germany.
<i>BMadagascar</i>	<i>Bulletin de Madagascar.</i> Service Général de l'Information, Tananarive, Madagascar.
<i>BMemSocArchBordeaux</i>	<i>Bulletin et Mémoires de la Société Archéologique de Bordeaux.</i> Bordeaux, France.
<i>BMNB</i>	<i>Bulletin du Musée National de Burgas.</i> Burgas, Bulgaria.
<i>BMQ</i>	<i>British Museum Quarterly.</i> London, England.
<i>BMusBeyrouth</i>	<i>Bulletin.</i> Musée National Libanais, Beirut, Lebanon. Paris, France.
<i>BN</i>	<i>Biuletyn Numizmatyczny.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>BNJ</i>	<i>British Numismatic Journal Including the Proceedings of the British Numismatic Society.</i> London,

	England.
<i>BNR</i>	<i>Bank Note Reporter</i> . Citra, Florida, U.S.A.
<i>BolArq</i>	<i>Boletín Arqueológico de Tarragona</i> . Sociedad Arqueológica Tarraconensis, Tarragona, Spain.
<i>BolInstNumHistSan Nicolas</i>	<i>Boletín</i> . Instituto de Numismática e Historia de San Nicolas de los Arroyos, Argentina.
<i>BollCircNumNapoletano</i>	<i>Bollettino del Circolo Numismatico Napoletano</i> . Naples, Italy.
<i>Boll d'Info</i>	<i>Bollettino d'informazioni</i> . Scuola Normale Superiore, Pisa, Italy.
<i>BollN</i>	<i>Bollettino Numismatico di Luigi Simonetti</i> . Florence, Italy.
<i>BollNum</i>	<i>Bollettino di Numismatica</i> . Ministero per i Beni Culturali, Istituto Poligrafico e Zecca dello Stato, Rome, Italy.
<i>BolNumBrasil</i>	<i>Boletín de Numismatica</i> . Sociedade Numismatica Brasileira, São Paulo, Brazil.
<i>BolSemEstArteArq</i>	<i>Boletín del Seminario de Estudios de Arte y Arqueología</i> . Valladolid, Spain.
<i>Bonner Jb</i>	<i>Bonner Jahrbücher</i> . Verein von Altertumsfreunden im Rheinlande, Rheinisches Landesmuseum, Bonn, W. Germany.
<i>Boreas</i>	<i>Boreas Münstersche Beiträge zur Archäologie</i> . Münster, W. Germany.
<i>BornholmSam</i>	<i>Bornholmske Samlinger</i> . Rønne, Denmark.
<i>BQ</i>	<i>Banknote Quarterly</i> . London, England.
<i>Brabantse Folklore</i>	<i>De Brabantse Folklore</i> . Dienst voor Geschiedkundige en Folkloristische Opzoekingen van de Provincie Brabant, Brussels, Belgium.
<i>Braničevo</i>	<i>Braničevo</i> . Narodni Universitet u Požarevac, Požarevac, Yugoslavia.
<i>BRealAcad</i>	<i>Boletín de la Real Academia de Historia</i> . Madrid, Spain.
<i>Britannia</i>	<i>Britannia</i> . Society for Promotion of Roman Studies, London, England.
<i>BSA</i>	See <i>ABSA</i> .
<i>BSEAA</i>	<i>Boletín del Seminario de Estudios de Arte y Arqueología</i> . Universidad de Valladolid, Valladolid, Spain.
<i>BSFN</i>	<i>Bulletin de la Société Française de Numismatique</i> . Cabinet des Médailles de la Bibliothèque Nationale, Paris, France.
<i>BSNR</i>	<i>Buletinul Societății Numismatice Române</i> . Bucharest, Romania.
<i>BSOAS</i>	<i>Bulletin of the School of Oriental and African Studies</i> . University of London, London, England.
<i>BSocArchEure-et-Loir</i>	<i>Bulletin des Sociétés d'Études d'Eure-et-Loire</i> . Char-

<i>BSocArchHCH</i>	tres, France. <i>Bulletin de la Société archéologique et historique des Hauts Cantons de l'Herault.</i> La Société archéologique et historique des Hauts Cantons de l'Herault. Bédarieux (Herault), France.
<i>BSocÉtSciAude</i>	<i>Bulletin de la Société d'Études Scientifiques de l'Aude.</i> Carcassonne, France
<i>BSocLittHistBrie</i>	<i>Bulletin de la Société Littéraire et Historique de la Brie.</i> Meaux, France.
<i>București</i>	<i>București.</i> Muzeul de Istorie a Municipului București, Bucharest, Romania. See also <i>MatIstMuzBucurești.</i>
<i>Budapest Rég</i>	<i>Budapest Régiségi.</i> Budapest Történeti Múzeum, Budapest, Hungary.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale in Roma.</i> L'Erma, Roma, Italy.
<i>BullStorPistoiese</i>	<i>Bullettino Storico Pistoiese.</i> Società Pistoiese di Storia Patria, Pistoia, Italy.
<i>BulMusNat Varna</i>	<i>Bulletin du musée national à Varna.</i> Varna, Bulgaria.
<i>BültenTürkNumSoc</i>	<i>Bülten.</i> The Turkish Numismatic Society, Istanbul, Turkey.
<i>BullAIÉtSEEur</i>	<i>Bulletin de l'Association Internationale des Études du Sud-Est Européen.</i> Bucharest, Romania.
<i>BullArchAlg</i>	<i>Bulletin d'Archéologie Algérienne.</i> République Algérienne, Ministère de l'Information et de la Culture, Direction des Beaux Arts, Alger, Algeria.
<i>BullArchMaroc</i>	<i>Bulletin d'Archéologie Marocaine.</i> Royaume de Maroc, Ministère de la Culture, Direction des Monuments et des Antiquités, Rabat, Morocco.
<i>BullCercArchHesbayeCondroz</i>	<i>Bulletin du Cercle Archéologique Hesbaye-Condroz.</i> Amay, Belgium.
<i>BullClFranMed</i>	<i>Bulletin Club Français de la Médaille.</i> Paris, France.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale in Roma.</i> L'Erma, Rome, Italy.
<i>BullCommArchNarbonne</i>	<i>Bulletin de la Commission Archéologique de Narbonne.</i> Narbonne, France.
<i>Bulletin</i>	<i>Bulletin.</i> Central Bank of Tunisia, Tunis, Tunisia.
<i>BullHistMetalGroup</i>	<i>Bulletin of the Historical Metallurgy Group.</i> Iron and Steel Institute, London, England.
<i>BullInst</i>	<i>Bulletin of the Institute of Archaeology of the University of London.</i> London, England.
<i>BullInstArchLiégeois</i>	<i>Bulletin de l'Institut Archéologique Liégeois.</i> Liège, Belgium.

<i>BullInstÉgypt</i>	<i>Bulletin de l'Institut d'Égypte.</i> Cairo, Egypt.
<i>BullMusArchUP</i>	<i>Bulletin of Museums and Archaeology in U.P.</i> Lucknow, India.
<i>BullNYAcadMed</i>	<i>Bulletin of the New York Academy of Medicine.</i> New York, New York, U.S.A.
<i>BullSocÉtLot</i>	<i>Bulletin de la Société des Études du Lot.</i> Cahors, France.
<i>BullSocNatAntFrance</i>	<i>Société Nationale des Antiquaires de France.</i> Palais du Louvre, Paris, France.
<i>BulMonIst</i>	<i>Buletinul Monumentelor Istorice.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>Buridava.</i>	<i>Buridava. Studii și materiale.</i> Muzeul Județean Vâlcea, Râmnicu Vâlcea, Romania.
<i>Byminner</i>	<i>Byminner.</i> Oslo, Norway.
<i>Byzantina</i>	<i>Byzantina.</i> Annual Review of the Center for Byzantine Studies of the School of Philosophy, University of Thessaloniki, Thessaloniki, Greece.
<i>Byzantion</i>	<i>Byzantion. Revue Internationale des Études Byzantines.</i> Société Belge d'Études Byzantines, Brussels, Belgium.
<i>Byz-bulg</i>	<i>Byzantinobulgarica.</i> B'lgarska Akademiia na Naukite, Institut za Istoriia, Sofia, Bulgaria.
<i>ByzForsch</i>	<i>Byzantinische Forschungen.</i> Amsterdam, The Netherlands.
<i>Byz-slav</i>	<i>Byzantinoslavica. Sbornik pro studium byzant-skoslovanských vztahů.</i> Prague, Czechoslovakia.
<i>BZ</i>	<i>Byzantinische Zeitschrift.</i> Munich, W. Germany.
<i>CA</i>	<i>Cercetări Arheologice.</i> Academia de Științe Sociale și Politice, Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>Caesaraugusta</i>	<i>Caesaraugusta; publicaciones del Seminario de Arqueología y Numismática Aragonensas.</i> Institución "Fernando el Católico," Saragossa, Spain.
<i>CahAnnNorm</i>	<i>Cahiers des Annales de Normandie.</i> Caen, France.
<i>CahArchHistBerry</i>	<i>Cahiers d'Archéologie et d'Histoire du Berry.</i> Bourges, France.
<i>CahArchMidi-Pyr</i>	<i>Cahiers archéologiques de Midi-Pyrénées.</i> Musée Saint-Raymond, Toulouse, France.
<i>CahBourscheid</i>	<i>Les Cahiers de Bourscheid.</i> Les Amis du Château du Bourscheid A.D.B.L., Bourscheid, Grand-Duchy of Luxembourg.
<i>CahCivMed</i>	<i>Cahiers de Civilisation Médiévale.</i> Université de Poitiers, Centre d'Études Supérieures de Civilisation Médiévale, Poitiers, France.
<i>CahHistMond</i>	<i>Cahiers d'Histoire Mondiale. Journal of World</i>

	<i>History. Cuadernos de Historia Mundial. Com- mission Internationale pour une Histoire du Développement Scientifique et Culturel de l'Humanité, Neuchatel, Switzerland.</i>
<i>CahN</i>	<i>Cahiers Numismatiques. Bulletin de la Société d'Études Numismatiques et Archéologiques. Paris, France.</i>
<i>CahRené de Lucinge</i>	<i>Cahiers René de Lucinge. Ambérieu, France.</i>
<i>CahTunisie</i>	<i>Cahiers de Tunisie. Revue des Sciences Humaines. In- stitut des Hautes Études, Tunis, Tunisia.</i>
<i>CalcoinN</i>	<i>Calcoin News. California State Numismatic Association, Colton, California, U.S.A.</i>
<i>Cal-Neva TL</i>	<i>Cal-Neva Token Ledger. Visalia, California, U.S.A.</i>
<i>CAntiqFPL</i>	<i>Coins and Antiquities Ltd. [Fixed Price List]. Lon- don, England. Succeeds Crowther FPL.</i>
<i>Carinthia</i>	<i>Carinthia. Mitteilungen des Geschichtsverein für Kärn- ten. Klagenfurt, Austria.</i>
<i>Carpica</i>	<i>Carpica. Muzeul de Istorie, Bacău, Romania.</i>
<i>Carrell</i>	<i>The Carrell. Journal of the Friends of the University of Miami Library. Coral Gables, Florida, U.S.A.</i>
<i>CartArchGDLux</i>	<i>Carte Archéologique du Grand-Duché de Luxembourg. Rosport, Luxembourg.</i>
<i>Casana</i>	<i>La Casana. Casa di Risparmio di Genova e Im- peria, Genoa, Italy.</i>
<i>ČasMoravMuz</i>	<i>Časopis Moravského Muzea. Moravské Muzeum v Brně, Brno, Czechoslovakia.</i>
<i>ČasNárodMuz</i>	<i>Časopis Národního Muzea. Historické Muzeum Roč- ník. The Národní Muzeum, Prague, Czechoslovakia.</i>
<i>ČasSlezskéMuz</i>	<i>Časopis Slezského Muzea. Slezské Muzeum Opava, Opava, Czechoslovakia.</i>
<i>CC</i>	<i>The Currency Collector. World Paper Currency Collectors, Altadena/Pasadena, California, U.S.A.</i>
<i>CCN</i>	<i>Canadian Coin News. Muskoka Community Newspapers Inc., Bracebridge, Ontario, Canada.</i>
<i>Ceca de Caracas</i>	<i>Ceca de Caracas. Asociación Venezolana de Numismáticos, Caracas, Venezuela.</i>
<i>CENB</i>	<i>Cercle d'Études Numismatiques. Bulletin. Brussels, Belgium.</i>
<i>CentAsiaJ</i>	<i>Central Asiatic Journal. International Periodical for the Languages, Literature, History and Archaeology of Central Asia. Deutschen Forschungsge- meinschaft, The Hague, Netherlands.</i>
<i>CercetArhBucurești</i>	<i>Cercetări arheologice în București. Muzeul de istorie</i>

	a municipiului București, Bucharest, Romania.
<i>CercetIst</i>	<i>Cercetări Istorice</i> . Muzeul de Istorie al Moldovei, Iași, Romania.
<i>CercetNum</i>	<i>Cercetări Numismatice</i> . Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>ČeskČasHist</i>	<i>Československý Časopis Historický</i> . Ústav Československých a Světových Dějin [Institute of Czechoslovak and World History], Prague, Czechoslovakia.
<i>ČeskýLid</i>	<i>Český Lid</i> . Jedrotný svaz Českých Zemědělců, Prague, Czechoslovakia.
<i>CFM</i>	<i>Club Français de la Médaille</i> . Administration des Monnaies et Médailles, Hôtel de la Monnaie, Paris, France.
<i>Chiron</i>	<i>Chiron</i> . Kommission für Alte Geschichte und Epigraphik des Deutschen Archäologischen Institutes, Munich/Berlin, W. Germany.
<i>ClassJ</i>	<i>The Classical Journal</i> . Ohio University, Athens, Ohio, U.S.A.
<i>ClassPhil</i>	<i>Classical Philology</i> . University of Chicago, Chicago, Illinois, U.S.A.
<i>ClassW</i>	<i>Classical World</i> . Classical Association of the Atlantic States, Bethlehem, Pennsylvania, U.S.A.
<i>CM</i>	<i>Coins, Incorporating Coins and Medals</i> . Croydon, England.
<i>CM Annual</i>	<i>Coins Annual</i> . Croydon, England.
<i>CMC</i>	<i>Coins, Medals and Currency Weekly</i> . London, England.
<i>CMCD</i>	<i>Coins, Medals and Currency Digest and Monthly Catalogue</i> . London, England.
<i>CMN</i>	<i>Coin and Medal News</i> . (Formerly <i>Coins and Medals</i> [CM].) London, England.
<i>CMonth</i>	<i>Coin Monthly</i> . Brentwood, England.
<i>CN</i>	<i>Calcoin News</i> . Quarterly Magazine of the California State Numismatic Association. Berkeley, California, U.S.A.
<i>CNJ</i>	<i>Canadian Numismatic Journal</i> . Canadian Numismatic Association, Willowdale, Ontario, Canada.
<i>CNQ</i>	<i>Canadian Numismatic Quarterly</i> . Ottawa, Ontario, Canada.
<i>Coinage</i>	<i>Coinage</i> . Encino, California, U.S.A.
<i>Coin Hoards</i>	<i>Coin Hoards</i> . Royal Numismatic Society, London, England.

<i>Coin Rev</i>	<i>Coin Review</i> . Bimonthly Bulletin of the Numismatic Society of India, Varanasi, India.
<i>Coins</i>	<i>Coins</i> . Iola, Wisconsin, U.S.A.
<i>CollAmisHist</i>	<i>Collection des Amis de l'Histoire</i> . Association des Amis de l'Histoire, Luxembourg.
<i>CollFr</i>	<i>Le Collectionneur Français</i> . Paris, France.
<i>ColN</i>	<i>Colonial Newsletter</i> . Huntsville, Alabama, U.S.A.
<i>CommBiblHistMedHungar</i>	<i>Communicationes ex Bibliotheca Historiae Medicae Hungarica</i> . Semmelweis Museum and Library of Medical History, Budapest, Hungary.
<i>CommHistArtMed</i>	<i>Communicationes de Historia Artis Medicinae</i> . Formerly <i>CommBiblHistMedHungar</i> .
<i>Contrebis</i>	<i>Contrebis</i> . Lancaster Archaeological Society, Lancaster, England.
<i>Cornish Arch</i>	<i>Cornish Archaeology</i> . Cornwall Archaeological Society, Camborne, England.
<i>Cornucopiae</i>	<i>Cornucopiae</i> . The Ancient Coin Society, Toronto, Canada.
<i>Corse Hist</i>	<i>Corse Historique. Études et Documents</i> . Ajaccio, Corsica.
<i>CPMJ</i>	<i>Canadian Paper Money Journal</i> . Canadian Paper Money Society, Vancouver, Canada.
<i>CR</i>	<i>Classical Review</i> . Classical Association, London, England.
<i>CRAI</i>	<i>Comptes-rendus de l'Académie des Inscriptions et Belles-Lettres</i> . Paris, France.
<i>CreștColect</i>	<i>Creșterea Colectiilor. Caiet Selectiv de Informare Bibliotecii Academiei Republicii Socialiste România</i> . Bucharest, Romania.
<i>CreștPatrMuzBul</i>	<i>Creșterea Patrimoniului Muzeal. Buletin. Muzeul de Istorie al Republicii Socialiste România</i> , Bucharest, Romania.
<i>Crisia</i>	<i>Crisia. Culegere de materiale și studii</i> . Institutul Pedagogic Oradea, Facultatea de Istorie-Geografie, Oradea, Romania.
<i>CrowtherFPL</i>	<i>D. J. Crowther Ltd. [Fixed Price List]</i> . London, England. See also <i>CAntiqFPL</i> .
<i>CSAN</i>	<i>Coin, Stamp and Antique News</i> . Toronto, Canada.
<i>CSC</i>	<i>Coins, Stamps and Collecting. Incorporating Coins, Medals and Currency Weekly</i> . London, England.
<i>CSM</i>	<i>Christian Science Monitor</i> . Boston, Massachusetts, U.S.A.
<i>CT</i>	<i>The Canadian Token</i> . Canadian Association of Token Collectors, Hamilton, Ontario, Canada.

<i>CuadNum</i>	<i>Cuadernos de Numismática</i> . Madrid, Spain.
<i>CuadPARqCast</i>	<i>Cuadernos de Prehistoria y Arqueología Castellonense</i> . Disputacion Provincial de Castellon de la Plana, Departamento de Arqueología, Castelon de la Plana, Spain.
<i>Cuenca</i>	<i>Cuenca</i> . Museum of Cuenca, Diputacion Provincial de Cuenca, Cuenca, Spain.
<i>CulStudCerc.Braşov</i>	<i>Culegere de Studii şi Cercetări</i> . Muzeul Regional, Braşov, Romania.
<i>Cumania</i>	<i>Cumania</i> . Acta Museorum ex Comitatu Bács-Kiskun, Kecskémet, Hungary.
<i>Cumidava</i>	<i>Cumidava</i> . <i>Culegere de Studii şi Cercetări</i> . Muzeul Judeţean, Braşov, Romania.
<i>Cunobelin</i>	<i>Cunobelin</i> . Yearbook of the British Association of Numismatic Societies. Leeds, England.
<i>CurrSci</i>	<i>Current Science</i> . Current Science Association, Raman Research Institute, Bangalore, India.
<i>CW</i>	<i>Coin World</i> . Sidney, Ohio, U.S.A.
<i>CWTJ</i>	<i>Civil War Token Journal</i> . Civil War Token Society, U.S.A.
<i>Dacia</i>	<i>Dacia</i> . <i>Revue d'Archéologie et d'Histoire Ancienne</i> . Académie des Sciences Sociales et Politiques de la République Socialiste de Roumanie, Institut d'Archéologie, Bucharest, Romania.
<i>Dal'niĭ Vostok</i>	<i>Dal'niĭ Vostok</i> . [Union of Authors of the RSFSR and Khabarovsk Authors Organization]. Khabarovsk, U.S.S.R.
<i>Danubius</i>	<i>Danubius</i> . Muzeul de Istorie, Galaţi, Romania.
<i>DekIskusstvo</i>	<i>Dekarativnoe Iskustvo</i> . Soĭuz Khudozhnikov SSSR, Moscow, U.S.S.R.
<i>Derbyshire ArchJ</i>	<i>Derbyshire Archaeological Journal</i> . Derbyshire Archaeological and Natural History Society, London, England.
<i>Déri Múzeó</i>	<i>Déri Múzeum Évkönyve</i> . Debrecen, Hungary.
<i>Deutsche AkadWissen Berlin Schr</i>	<i>Deutsche Akademie der Wissenschaften zu Berlin, Schriften der Sektion für Vor- und Frühgeschichte</i> . Berlin, W. Germany.
<i>DialHistAnc</i>	<i>Dialogues d'Histoire Ancienne</i> . Université Besançon, Besançon, France.
<i>DirAthIslam</i>	<i>Dirāsāt Athāriyya Islāmiyya</i> . Islamic Archeological Studies. Museums Service of the Egyptian Organization of Antiquities, Cairo, Egypt.
<i>DiscExcavScot</i>	<i>Discovery and Excavation, Scotland</i> . Council for British Archaeology, Scottish Regional Group, Dundee, Scotland.
<i>DocRapports</i>	<i>Documents et rapports de la Société royale d'Archéologie</i>

	<i>et de Paléontologie de Charleroi. Société royale d'Archéologie et de Paléontologie de Charleroi, Charleroi, Belgium.</i>
<i>Dorset NaturHistArchSoc</i>	<i>Dorset Natural History and Archaeological Society Newsletter. Dorchester, England.</i>
<i>Dresdner Kunstbl</i>	<i>Dresdner Kunstblätter. Monatsschrift der Staatlichen Kunstsammlungen Dresden. Dresden, E. Germany.</i>
<i>Drobeta</i>	<i>Drobeta. Muzeul Regiunii Portilor de Fier, Drobeta-Turnu-Severin, Romania.</i>
<i>DTCM</i>	<i>Danish Token Club Medlemsblad. Copenhagen, Denmark.</i>
<i>Dülmener Hb</i>	<i>Dülmener Heimatblätter. Heimatverein, Dülmen, W. Germany.</i>
<i>Duinen</i>	<i>De Duinen. Bulletin du Centre Scientifique et Culturel de l'Abbaye des Dunes et du Westhoek. Koksijde, Belgium.</i>
<i>Dumbarton OP</i>	<i>Dumbarton Oaks Papers. Dumbarton Oaks Research Library, Washington, D. C., U.S.A.</i>
<i>Dzeqlis Megobari</i>	<i>Dzeqlis Megobari. Gruzinskoe Obshchestvo okhrany Pamiatnikov Kul'tury, Tiflis, U.S.S.R.</i>
<i>EAJ</i>	<i>East Asia Journal. Ft. Wayne, Indiana, U.S.A.</i>
<i>ÉchangUniv</i>	<i>L'Échangiste Universel. Revue mensuelle des collectionneurs de timbres et des numismates. Le Havre, France.</i>
<i>EconHistRev</i>	<i>Economic History Review. Economic History Society, London, England.</i>
<i>EcStor</i>	<i>Economia e Storia; rivista italiana di storia economica e sociale. Milan, Italy.</i>
<i>ÉgriMúzEv</i>	<i>Az Égri Múzeum Evkönyve. Eger, Hungary.</i>
<i>Eire</i>	<i>Eire-Ireland. A Journal of Irish Studies. Irish American Cultural Institute, St. Paul, Minnesota, U.S.A.</i>
<i>Ējmiacin</i>	<i>Ējmiacin, Paštōnakan amsagir Hayrapetakan At'oroy S. Ējmiacin. Etchmiadzin, U.S.S.R.</i>
<i>ElevKosmos</i>	<i>Eleutheros Kosmos. Athens, Greece.</i>
<i>Ellwanger Jb</i>	<i>Ellwanger Jahrbuch. Ein Volksbuch für Heimatpflege in Virngau und Ries. Geschichts- und Altertumsverein, Ellwangen, W. Germany.</i>
<i>EmderJb</i>	<i>Emder Jahrbuch. Gesellschaft für bildende Kunst und Vaterländische Altertümer, Emden, W. Germany.</i>
<i>Emilia Preromana</i>	<i>Emilia Preromana. Museo Civico, Bologna, Italy.</i>
<i>EN</i>	<i>European Numismatics. Amsterdam, Netherlands.</i>
<i>EpigIndica</i>	<i>Epigraphica Indica. Archaeological Survey of In-</i>

<i>EpigrVostok</i>	dia, Calcutta, India. <i>Epigrafika Vostoka. Sbornik Statei. Akademii Nauk SSSR, Institut Istorii Material'noi Kul'tury, Moscow, U.S.S.R.</i>
<i>EPJ</i>	<i>Essay-Proof Journal. Official Journal of the Essay-Proof Society. Jefferson, Wisconsin, U.S.A.</i>
<i>Érem</i>	<i>Érem. Association of Hungarian Coin Collectors, Budapest, Hungary.</i>
<i>Eretz Israel</i>	<i>Eretz Israel. Israel Exploration Society, Jerusalem, Israel.</i>
<i>Essex ArchHist</i>	<i>Essex Archaeology and History. Colchester, England. Formerly TransEssex ArchSoc.</i>
<i>EstudExtremenos</i>	<i>Estudios Extremenos; revista historica, literaria y artistica. Servicios Culturales de la Excelentísima Disputación Provincial, Badajoz, Paraguay.</i>
<i>EstudHistArqMed</i>	<i>Estudios de Historia y Arqueologia Medievales. Cadiz, Spain.</i>
<i>ÉtBalkan</i>	<i>Études Balkaniques. Académie Bulgare des Sciences, Institut d'Études Balkaniques, Sofia, Bulgaria.</i>
<i>ÉtClass</i>	<i>Les Études classiques. Société des Etudes Classiques, Namur, Belgium.</i>
<i>Ethiopia Observer</i>	<i>Ethiopia Observer. Addis Ababa, Ethiopia.</i>
<i>Etnografia Polska</i>	<i>Etnografia Polska. Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław (Breslau), Poland.</i>
<i>EW</i>	<i>East and West. Istituto Italiano per il Medio ed Estremo Oriente, Rome, Italy.</i>
<i>Expedition</i>	<i>Expedition. Bulletin of the University Museum of the University of Pennsylvania. Philadelphia, Pennsylvania, U.S.A.</i>
<i>Ezhegodnik GIM</i>	<i>Ezhegodnik Gosudarstvennyi istoricheskii Muzei. Moscow, U.S.S.R.</i>
<i>FA</i>	<i>Fasti Archeologici. International Association for Classical Archaeology, Florence, Italy.</i>
<i>Falbygden</i>	<i>Falbygden. Falbygdens Hembygds-oc Forminner Förening, Falköping, Sweden.</i>
<i>Fare Box</i>	<i>The Fare Box. American Vecturist Association, Boston, Massachusetts, U.S.A.</i>
<i>Fataburen</i>	<i>Fataburen; Nordiska Museets och Skansens Årsbok. Stockholm, Sweden.</i>
<i>FB</i>	<i>Forschungen und Berichte. Staatliche Museen zu Berlin, Berlin, E. Germany.</i>
<i>FEJ</i>	<i>Far East Journal. Tokyo, Japan.</i>
<i>FennArch</i>	<i>Fennoscandia archaeologica. Archaeological Society of Finland, Helsinki, Finland.</i>

<i>Filatelita SSSR</i>	<i>Filatelita SSSR</i> . Moscow, U.S.S.R.
<i>Fillst</i>	<i>File de Istorie. Culegere de Studii, Articole și Comunicări</i> . Muzeul de Istorie Bistrița, Bistrița, Romania.
<i>FinsktMus</i>	<i>Finskt Museum</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>Folia Arch</i>	<i>Folia Archeologica. Magyar Nemzeti Múzeum Történeti Múzeumának Évkönyve</i> . Budapest, Hungary.
<i>Folia Orient</i>	<i>Folia Orientalia</i> . Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>Folk</i>	<i>Folk; Dansk etnografisk tidsskrift</i> . Dansk Etnografisk Forening, Copenhagen, Denmark.
<i>Forint</i>	<i>Forint</i> . Hungarian National Bank Laborers, Budapest, Hungary.
<i>Fornvännen</i>	<i>Fornvännen. Tidskrift för Svensk Antikvarisk Forskning</i> . The Royal Academy of Letters, History and Antiquities in collaboration with the Swedish Archaeological Association, Stockholm, Sweden.
<i>ForsBerStaatMusBerlin</i>	<i>Forschungen und Berichte Staatliche Museen zu Berlin</i> . Berlin, East Germany.
<i>ForschVolksLand</i>	<i>Forschungen zur Volks- und Landeskunde</i> . Academia Republicii Socialiste România, Sektion für Gesellschaftswissenschaften, Sibiu, Romania.
<i>Fortid og Nutid</i>	<i>Fortid og Nutid. Tidsskrift for Kulturhistorie og Lokalhistorie</i> . Dansk Historisk Fællesforening, Copenhagen, Denmark.
<i>FRA</i>	<i>Fra Randers Amt</i> . Historical Association of the County of Randers, Randers, Denmark.
<i>Fra Als og Sundeved</i>	<i>Fra Als og Sundeved</i> . Historisk Samfund fra Als og Sundeved, Sønderborg, Denmark.
<i>FulN</i>	<i>Fulbright Newsletter</i> . United States Educational Foundation in India, New Delhi, India.
<i>FundberHessen</i>	<i>Fundberichte aus Hessen</i> . Amt für Bodendenkmalpflege, Darmstadt, W. Germany.
<i>FundberÖsterreich</i>	<i>Fundberichte aus Österreich</i> . Bundesdenkmalamt, Vienna, Austria.
<i>FundberSchwaben</i>	<i>Fundberichte aus Schwaben</i> . Gesellschaft für Vor- und Frühgeschichte in Württemberg und Hohenzollern, Stuttgart, W. Germany.
<i>GacNum</i>	<i>Gaceta Numismática</i> . Asociación Numismática Española, Barcelona, Spain.
<i>Gallia</i>	<i>De Gallia</i> . Cercle Archéologique de Gosselies, Visé, Belgium.

<i>GazChimItal</i>	<i>Gazzetta Chimica Italiana</i> . Società Chimica Italiana, Rome, Italy.
<i>GazNum</i>	<i>Il Gazzettino Numismatica</i> . Santa Severina, Italy.
<i>Genava</i>	<i>Genava</i> . Geneva, Switzerland.
<i>GeographJ</i>	<i>Geographical Journal</i> . Royal Geographical Society of London, England.
<i>Germania</i>	<i>Germania</i> . Archäologisches Institut des Deutschen Reichs, Frankfurt-am-Main, W. Germany.
<i>GettyMusJ</i>	<i>J. Paul Getty Museum Journal</i> . J. Paul Getty Museum, Malibu, CA, USA.
<i>Giesserei</i>	<i>Giesserei. Zeitschrift für das Gesamte Giessereiwesen</i> . Deutschen Giesserei-Vereinigungen, Düsseldorf, W. Germany.
<i>Gitut'yun Texnika</i>	<i>Gitut'yun ew Texnika</i> . Erevan, U.S.S.R.
<i>Gladius</i>	<i>Gladius. Études sur les armes anciennes, l'armement, l'art militaire et la vie culturelle en Orient et Occident</i> . Instituto de Estudios sobre Armas Antiguas, Consejo Superior de Investigaciones Científicas, Jaraiz de la Vera, Spain.
<i>Glasgow ArchJ</i>	<i>Glasgow Archaeological Journal</i> . Glasgow Archaeological Society, Glasgow, Scotland.
<i>GN</i>	<i>Geldgeschichtliche Nachrichten</i> . Gesellschaft für Internationale Geldgeschichte, Frankfurt-am-Main, W. Germany.
<i>Gnomon</i>	<i>Gnomon. Kritische Zeitschrift für die Gesamte Klassische Altertumswissenschaft</i> . Munich, W. Germany.
<i>Gobrecht J</i>	<i>The Gobrecht Journal</i> . Albertson, New York, U.S.A.
<i>Godišnjak Pomorskog MuzKotoru</i>	<i>Godišnjak Pomorskog Muzeja u Kotoru</i> [Yearbook of the Maritime Museum in Kotor]. Kotor, Yugoslavia.
<i>Gotländskt Arkiv</i>	<i>Gotländskt Arkiv</i> . Föreningen Gotlands Fornvänner, Visby, Sweden.
<i>GP</i>	<i>Geuzenpenning Munt- en Penningkundig Nieuws</i> . Driemaandelijkse Uitgave van het Koninklijk Nederlands Genootschap voor Munt- en Penningkunde en van de Vereniging voor Penningkunst, Amsterdam, Netherlands.
<i>GPVJ</i>	<i>Gesellschaft Pro Vindonissa. Jahresbericht</i> . Vindonissa-Museum, Brugg, Switzerland.
<i>GRBS</i>	<i>Greek, Roman and Byzantine Studies</i> . Duke University, Durham, North Carolina, U.S.A.
<i>Hadashot Arch</i>	<i>Hadashot Archaeologioth</i> [Archaeological Newsletter]. Department of Antiquities, Jerusalem,

	Israel.
<i>Hajó-Daru</i>	<i>Hajó-Daru</i> [Ship and Crane]. <i>A Magyar Hajó-és Darugár Dolgozóinak Lapja</i> [Newspaper of the Hungarian Shipyard and Crane Factory Laborers]. Budapest, Hungary.
<i>Haller Mb</i>	<i>Haller Münzblätter</i> . Tiroler Numismatischen Gesellschaft, Hall, Austria.
<i>HandelOudheidkunde Mechelen</i>	<i>Handelingen</i> . Koninklijke Kring voor Oudheidkunde, Letteren en Kunst van Mechelen, Malines, Belgium.
<i>Handes Amsorya</i>	<i>Handes Amsorya</i> ; <i>Monatsschrift für Armenische Philologie</i> . Mechitarist Congregation, Vienna, Austria.
<i>HaygazHayagHandes</i>	<i>Haygazean Hayagitagan Handes</i> . Haigazian College, Armenological Department, Beirut, Lebanon.
<i>Hayrenik'i Jayn</i>	<i>Hayrenik'i Jayn</i> [Voice of the Fatherland]. [Committee for Cultural Relations with Armenians in the Diaspora], Erevan, U.S.S.R.
<i>HBN</i>	<i>Hamburger Beiträge zur Numismatik</i> . Verein der Münzenfreunde, Hamburg, W. Germany.
<i>Helinium</i>	<i>Helinium</i> . <i>Revue consacrée à l'Archéologie des Pays-Bas, de la Belgique et du Grand Duché de Luxembourg</i> . Wetteren, Belgium.
<i>HelvetArch</i>	<i>Helvetia Archaeologica</i> . Schweizerische Gesellschaft für Ur- und Frühgeschichte, Basel, Switzerland.
<i>Hémecht</i>	<i>Hémecht</i> . <i>Zeitschrift für Luxemburger Geschichte</i> . Luxembourg.
<i>Herold</i>	<i>Der Herold</i> . <i>Vierteljahrsschrift für Heraldik, Genealogie und Verwandte Wissenschaften</i> . Verein für Heraldik, Genealogie und verwandte Wissenschaften, Berlin, W. Germany.
<i>Hertfordshire Arch Hesperia</i>	<i>Hertfordshire Archaeology</i> . Hertford, England. <i>Hesperia</i> . <i>Journal of the American School of Classical Studies at Athens</i> . Princeton, New Jersey, U.S.A.
<i>Hespérís Tāmuda</i>	<i>Hespérís Tāmuda</i> . Centre Universitaire de la Recherche Scientifique, Faculté des Lettres, Rabat, Morocco.
<i>Hessen</i>	<i>Hessen</i> . Hessisches Landesamt für Denkmalpflege, Abt. Vor- und Frühgeschichte, Wiesbaden, W. Germany.
<i>HessJbLandesgesch</i>	<i>Hessisches Jahrbuch für Landesgeschichte</i> . Arbeitsgemeinschaft der Historischen Kommissionen in Darmstadt, Frankfurt, Marburg und Wiesbaden, Marburg, W. Germany.

<i>hikuin</i>	<i>hikuin</i> . Moesgård, Denmark.
<i>HispAmerHistRev</i>	<i>Hispanic American Historical Review</i> . Duke University, Durham, North Carolina, U.S.A.
<i>HistJbGraz</i>	<i>Historisches Jahrbuch der Stadt Graz</i> . Graz Johanneum, Stadtmuseum, Graz, Austria.
<i>HistJSam</i>	<i>Historie. Jyske Samlinger</i> . Jysk Selskab for Historie, Aarhus, Denmark.
<i>HistJUBirmingham</i>	<i>Historical Journal</i> . University of Birmingham, Birmingham, England.
<i>Historia</i>	<i>Historia</i> . Franz Steiner Verlag GmbH, Wiesbaden, West Germany.
<i>Historica</i>	<i>Historica</i> . Craiova, Romania.
<i>HistTidskr</i>	<i>Historisk Tidskrift</i> . Danske Historiske Forening, Copenhagen, Denmark.
<i>HistTidskrFin</i>	<i>Historisk Tidskrift för Finland</i> . Historiska foreningen, Helsinki, Finland.
<i>HistToday</i>	<i>History Today</i> . London, England.
<i>HjKreis Hofgeismar</i>	<i>Heimatjahrbuch für den Kreis Hofgeismar</i> . Hofgeismar, W. Germany.
<i>HKZM</i>	<i>Handelingen der Koninklijke Zuidnederlandse Maatschappij voor Taalen Letterkunde en Geschiedenis</i> . Netherlands.
<i>HMZ</i>	<i>Helvetische Münzen-Zeitung</i> . Hilterfingen, Switzerland.
<i>Hogaku Kenkyu</i>	<i>Hogaku Kenkyu</i> [Journal of Law, Politics and Society]. Hogaku-Kenkyu-Kai [Association for the Study of Law and Politics], Keio University, Faculty of Law, Tokyo, Japan.
<i>HstKreise Olpe</i>	<i>Heimatstimmen aus dem Kreise Olpe</i> . Olpe, W. Germany.
<i>IAI</i>	<i>Izvestiia na Arkheologicheskiia Institut (Bulletin de l'Institut d'Archéologie)</i> . Sofia, Bulgaria.
<i>Ialomîța</i>	<i>Ialomîța</i> . Comitetul de Cultură și Educație Socialistă al Județului Ialomîța, Slobozia, Romania.
<i>IBNS</i>	<i>International Bank Note Society. Journal</i> . Auburndale, Florida. Formerly <i>International Bank Note Society. Quarterly Magazine</i> . Dovercourt, England.
<i>IEJ</i>	<i>Israel Exploration Journal</i> . Israel Exploration Society; Department of Archaeology, Hebrew University; Department of Antiquities, Ministry of Education and Culture, Jerusalem, Israel.
<i>IstKul'tNarodUzbek</i>	<i>Iz Istorii Kul'tury Narodov Uzbekistana</i> . Akademiia Nauk Uzbekskoi SSR, Institut Istorii i Arkheologii, Tashkent, U.S.S.R.

<i>ILN</i>	<i>Illustrated London News</i> . London, England.
<i>Image Roche</i>	<i>Image Roche</i> . Basel, Switzerland.
<i>IMJ</i>	<i>Israel Museum Journal</i> . Jerusalem, Israel.
<i>IN</i>	<i>Italia Numismatica</i> . Mantua, Italy.
<i>INC</i>	<i>Indian Numismatic Chronicle</i> . Bihar Research Society, Patna, India.
<i>Indian Ant</i>	<i>Indian Antiquary. A Journal of Oriental Research in Archaeology, Epigraphy, Ethnology, Geography, History, Folklore, Languages, Literature, Numismatics, Philosophy and Religion</i> . Bombay, India.
<i>Indian EconSocHistRev</i>	<i>Indian Economic and Social History Review</i> . Delhi, India.
<i>Indian HistQ</i>	<i>Indian Historical Quarterly</i> . Calcutta, India.
<i>Indian MusBull</i>	<i>Indian Museum Bulletin</i> . Indian Museum, Calcutta, India.
<i>InfNum</i>	<i>L'Information Numismatique</i> . Société Numismatique de Paris et sa Région, Villiers-sur-Marne, France.
<i>INJ</i>	<i>Israel Numismatic Journal</i> . Israel Numismatic Society, Tel Aviv, Israel.
<i>Iparművészeti MúzÉv</i>	<i>Iparművészeti Múzeum Évkönyve</i> . Magyar Nemzeti Múzeum, Iparművészeti Múzeum, Budapest, Hungary.
<i>Iran</i>	<i>Iran. Journal of the British Institute of Persian Studies</i> . London, England.
<i>Iranica Ant</i>	<i>Iranica Antiqua</i> . Leiden, Netherlands.
<i>Irish Num</i>	<i>Irish Numismatics</i> . Dublin, Ireland.
<i>Iskusstvo</i>	<i>Iskusstva</i> . Ministerstvo Kul'tury SSSR, Sořuz Khudozhnikov SSSR/Akademiia Khudozhestva SSSR, Moscow, U.S.S.R.
<i>Islah</i>	<i>Islah</i> [Reform]. Kabul, Afghanistan.
<i>Islam</i>	<i>Der Islam. Zeitschrift für Geschichte und Kultur des Islamischen Orients</i> . Berlin, W. Germany.
<i>Istanbul ArkMüz Yilligi</i>	<i>Istanbul Arkeologi Müzeleri Yilligi</i> [Annual of the Archaeological Museum of Istanbul]. Turkey.
<i>IstArkEtnoSredAzii</i>	<i>Istoriia Arkheologiia i Etnografiia Srednei Azii</i> . Akademiia Nauk SSSR, Institut Etnografii, Moscow, U.S.S.R.
<i>IstDžerela Vykorystannja</i>	<i>Istorični Džerela ta ich Vykorystannja</i> . Instytut Istorii, Akademiia Nauk URSR, Kiev, U.S.S.R.
<i>IstFilZhurANArmian</i>	<i>Istoriko-Filologičeskii Zhurnal</i> . Akademiia Nauk Armianskoj SSSR, Erevan, U.S.S.R.
<i>IstMatKul'tUzbek</i>	<i>Istoriia Materialnoi Kul'tury Uzbekistana</i> . Akademiia Nauk Uzbekskoj SSR, Institut

<i>Istoriia SSSR</i>	Istorii i Arekheologii, Tashkent, U.S.S.R. <i>Istoriia SSSR. Akademii Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.</i>
<i>Istros</i>	<i>Istros. Buletinul Muzeului Brăilei. Braila, Romania.</i>
<i>Iura</i>	<i>Iura. Jovene, Naples, Italy.</i>
<i>IzBalgMuz</i>	<i>Izvestiia na Balgarskite Muzei. Komitet za Izkustvo i Kultura, Sofia, Bulgaria.</i>
<i>IzBID</i>	<i>Izvestiia na B'lgarskoto Istoricheskoto Druhestvo [Bulletin de la Société Historique Bulgare]. Sofia, Bulgaria.</i>
<i>IzMuzVeliko Trnovo</i>	<i>Izvestiia na Muzeia. Trnovo, Bulgaria.</i>
<i>IzNarodMuzRoussé</i>	<i>Izvestiia na Narodniia Muzei. Roussé, Bulgaria.</i>
<i>IzNarodMuzŠumen</i>	<i>Izvestiia. Narodni Muzeia Šumen, Bulgaria.</i>
<i>IzNarodMuzVarna</i>	<i>Izvestiia na Narodniia Muzei. Varna, Bulgaria.</i>
<i>IzvOtdelObshchestNaukAN Tadz</i>	<i>Izvestiia Otdeleniia Obshchestvennykh Nauk. Akademiia Nauk, Tadzhikskoi SSR, Stalinabad, U.S.S.R.</i>
<i>JAfrican Hist</i>	<i>Journal of African History. Cambridge, England.</i>
<i>JAGW</i>	<i>Jahrbuch Arbeitskreis Geldscheine Wertpapiere. Berlin, Germany.</i>
<i>Jahakir</i>	<i>Jahakir. [Journal of the Students of N. Pálančean College]. Beirut, Lebanon.</i>
<i>JAIH</i>	<i>Journal of Ancient Indian History. University of Calcutta, Department of Ancient Indian History and Culture, Calcutta, India.</i>
<i>JAINS</i>	<i>Journal of Academy of Indian Numismatics and Sigillography. Indore, India.</i>
<i>Janaser</i>	<i>Janaser. [Armenian Evangelical Union]. Beirut, Lebanon.</i>
<i>JAndhraHistResSoc</i>	<i>Journal of the Andhra Historical Research Society. Rajahmundry, India.</i>
<i>JAOS</i>	<i>Journal of the American Oriental Society. Baltimore, Maryland, U.S.A.</i>
<i>JARCE</i>	<i>Journal of the American Research Center in Egypt. American Research Center, Cairo, Egypt.</i>
<i>JAS(Bengal)</i>	<i>See JAS(Calcutta).</i>
<i>JAS(Calcutta)</i>	<i>Journal of the Asiatic Society. Calcutta, India.</i>
<i>JAsianHist</i>	<i>Journal of Asian History. Wiesbaden, W. Germany.</i>
<i>JBAA</i>	<i>Journal of the British Archaeological Association. Department of British and Mediaeval Antiquities, British Museum, London, England.</i>
<i>JBBernHistMus</i>	<i>Jahrbuch des Bernischen Historischen Museums. Bern, Switzerland.</i>
<i>JbBischöfGymnasKollegPetri num</i>	<i>Jahresbericht des Bischöflichen Gymnasiums und Diözesanseminars am Kollegium Petrinum in Ur-</i>

<i>JbCoburgLandesst</i>	<i>far. Linz, Austria.</i> <i>Jahrbuch der Coburger Landesstiftung.</i> Coburg, W. Germany.
<i>JbKMusSchonKunstAntwerp</i>	<i>Jaarboek van het Koninklijk Museum voor Schone Kunsten Antwerpen.</i> Antwerp, Belgium.
<i>JbKunsthistSammlWien</i>	<i>Jahrbuch der Kunsthistorischen Sammlungen.</i> Vienna, Austria.
<i>JbOldenburger Münsterland</i>	<i>Jahrbuch für das Oldenburger Münsterland.</i> Germany.
<i>JbRechnungHistMus Basel</i>	<i>Jahresberichte und Rechnungen.</i> Historisches Museum, Basel, Switzerland.
<i>JBS</i>	<i>Journal of Baltic Studies.</i> Association for the Advancement of Baltic Studies, Brooklyn, New York, U.S.A.
<i>JbSchweizGesUrFrühgesch</i>	<i>Jahrbuch der Schweizerischen Gesellschaft für Ur- und Frühgeschichte.</i> Zurich, Switzerland.
<i>JbStKunstsammlDresden</i>	<i>Jahrbuch der Staatlichen Kunstsammlungen Dresden.</i> Dresden, E. Germany.
<i>JCCCN</i>	<i>Japanese Cash Collector's Club Newsletter.</i>
<i>JChesterArchSoc</i>	<i>Journal of the Chester Archaeological Society.</i> Architectural, Archaeological and Historic Society for the County and the City of Chester and North Wales, Chester, England.
<i>JdAI</i>	<i>Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, W. Germany.
<i>JEGMP</i>	<i>Jaarboek van het Europees Genootschap boor Munten Penningkunde.</i> Brussels, Belgium.
<i>JEListeFPL</i>	<i>Jean Elsen Liste [Fixed Price List].</i> Brussels, Belgium.
<i>JESHO</i>	<i>Journal of the Economic and Social History of the Orient.</i> Leiden, Netherlands.
<i>JEthiopStud</i>	<i>Journal of Ethiopian Studies.</i> Haile Selassie I University, Institute of Ethiopian Studies, Addis Ababa, Ethiopia.
<i>JHS</i>	<i>Journal of Hellenic Studies.</i> Society for the Promotion of Hellenic Studies, London, England.
<i>JIAN</i>	<i>Journal International d'Archéologie Numismatique.</i> Athens, Greece.
<i>JIN</i>	<i>Journal of Israel Numismatics. The Independent Publication for the Collector.</i> International Israel Numismatic Society, New York, New York, U.S.A.
<i>JIndian Hist</i>	<i>Journal of Indian History.</i> University of Kerala, Trivandrum, India.
<i>JIntNum</i>	<i>Journal of International Numismatics.</i> Organization of International Numismatists, Bellaire,

	Texas, U.S.A.
<i>JModAfrStud</i>	<i>Journal of Modern Africa Studies</i> . London, England.
<i>JMünzGeldThüringens</i>	<i>Jahrbuch des Arbeitskreises Münz und Geldgeschichte Thüringens</i> . Gera, East Germany.
<i>JMV</i>	<i>Jahresschrift für Mitteldeutsche Vorgeschichte</i> . Halle an der Saale, E. Germany.
<i>JNAAus</i>	<i>Journal of the Numismatic Association of Australia</i> . Melbourne, Victoria, Australia.
<i>JNFA</i>	<i>Journal of Numismatic Fine Arts</i> . Encino, California, U.S.A.
<i>JNG</i>	<i>Jahrbuch für Numismatik und Geldgeschichte</i> . Bayerischen Numismatischen Gesellschaft, Kallmünz über Regensburg, W. Germany.
<i>JNorthMusArtG</i>	<i>Journal of the Northampton Museum and Art Gallery</i> . Northampton, England.
<i>JNSI</i>	<i>Journal of the Numismatic Society of India</i> . Banaras Hindu University, Varanasi, India.
<i>JNSMP</i>	<i>Journal of the Numismatic Society of Madhya Pradesh</i> . Indore, India.
<i>Jósa András Múzeum</i>	<i>A Jósa András Múzeum Évkönyve</i> . Nyíregyháza, Hungary.
<i>JRAS</i>	<i>Journal of the Royal Asiatic Society of Great Britain and Ireland</i> . London, England.
<i>JRAS(Bombay)</i>	<i>Journal of the Bombay Branch of the Royal Asiatic Society</i> . Bombay, India.
<i>JRNS</i>	<i>Journal of the Russian Numismatic Society</i> . Alexandria, Virginia, U.S.A.
<i>JRossicaSoc</i>	<i>Journal of the Rossica Society of Russian Philately</i> . New York, New York, U.S.A.
<i>JRS</i>	<i>Journal of Roman Studies</i> . Society for the Promotion of Roman Studies, London, England.
<i>JRSAI</i>	<i>Journal of the Royal Society of Antiquaries of Ireland</i> . Dublin, Ireland.
<i>JSav</i>	<i>Journal des Savants</i> . Académie des Inscriptions et Belles-Lettres, Paris, France.
<i>JTS</i>	<i>Journal of Turkish Studies</i> . Harvard University, Cambridge, MA, USA.
<i>Kadmos</i>	<i>Kadmos. Zeitschrift für Vor- und Frühgriechische Epigraphik</i> . Berlin, W. Germany.
<i>Karthago</i>	<i>Karthago. Revue d'archéologie africaine</i> . Institut d'art et d'archéologie, Paris, France.
<i>Khudozhnik</i>	<i>Khudozhnik</i> . Sořuz Khudozhnikov RSFSR, Moscow, U.S.S.R.
<i>Klio</i>	<i>Klia. Beiträge zur alten Geschichte</i> . Deutsche Akademie der Wissenschaften zu Berlin, Institut für griechisch-römische Altertum-

	skunde, Berlin, E. Germany.
<i>Köln</i>	<i>Köln. Vierteljahrschrift für Freunde der Stadt.</i> Cologne, W. Germany.
<i>KölnJbVorFrühGesch</i>	<i>Kölner Jahrbuch für Vor- und Frühgeschichte.</i> Römisch-Germanischen Museum, Cologne; Archäologische Gesellschaft zu Berlin, Berlin, W. Germany.
<i>KollAzerb</i>	<i>Kolleksioner Azerbaïdzhana</i> [Azerbaijan Collector]. Azerbaïdzhanskoe otdelenie Vsesofuznogo obshchestva filatelistov [Azerbaijan Department of the U.S.S.R. Society of Philatelists], Baku, U.S.S.R.
<i>Komárom MegMusKöz</i>	<i>Komárom Megyei Muzeumok Közleménye.</i> Tata, Hungary.
<i>KomMazurWarmin</i>	<i>Komunikaty Mazursko-Warminskie.</i> Stacja Naukowa Polskiego Towarzystwa Historycznego (Instytut Mazurski), Olsztyn, Poland.
<i>KosZesMuz</i>	<i>Koszalińskie Zeszyty Muzealne.</i> Museum Okręgiowe w Koszalinie, Koszalin, Poland.
<i>KratSoobInstArkan SSSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Akademii Nauk SSSR.</i> Moscow, U.S.S.R.
<i>KratSoobInstArkan USSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Akademii Nauk USSR.</i> Kiev, U.S.S.R.
<i>KratSoobInstEtnogr</i>	<i>Kratkie Soobshcheniia.</i> Institut Etnografii, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobInstIstMater Kul't</i>	<i>Kratkie Soobshcheniia.</i> Institut Istorii Material'noi Kul'tury, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobInstNarodAz</i>	<i>Kratkie Soobshcheniia.</i> Institut Narodov Azii, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobOGAM</i>	<i>Kratkie Soobshcheniia a polevykh arkheologicheskikh issledovaniakh Odesskogo Gosudarstvennogo arkheologicheskogo Muzeia.</i> Odessa, U.S.S.R.
<i>KratSoobOGU i OGAM</i>	See <i>KratSoobOGAM</i> .
<i>Kronobergsboken</i>	<i>Kronobergsboken.</i> Årsbok för Hylten-Cavallius föreningen. Kronobergsläns musei-och hembygdsförbund, Växjö, Sweden.
<i>Kulturen</i>	<i>Kulturen.</i> Årsbok till medlemmerna av kulturhistoriska förening för södra Sverige. Lund, Sweden.
<i>KurtrierJ</i>	<i>Kurtrierisches Jahrbuch.</i> Verein Kurtrierisches Jahrbuch e.V., Trier, West Germany.
<i>KwartHistKultMater</i>	<i>Kwartalnik Historii Kultury Materialnej.</i> Polska Akademia Nauk. Instytut Historii Kultury Materialnej, Warsaw, Poland.
<i>Kwart Opolski</i>	<i>Kwartalnik Opolski.</i> Opolskie Towarzystwo Przyjaciół Nauk, Opole, Poland.
<i>Lancia</i>	<i>Lancia.</i> León, Spain.

<i>Latomus</i>	<i>Latomus. Revue d'Etudes Latines.</i> Brussels, Belgium.
<i>L'Avenç</i>	<i>L'Avenç.</i> Barcelona, Spain.
<i>Leiegouuw</i>	<i>Verslagen en Meddelingen van de Leiegouuw.</i> Vereniging voor de Studie van de Lokalbeschiedenis, Taal en Folklore in het Kortrijkse, Courtrai, Belgium.
<i>Leitz-MittWissenTechnik</i>	<i>Leitz-Mitteilungen für Wissenschaft und Technik.</i> Ernst Leitz GMBH, Wetzlar, W. Germany.
<i>Levéltári Közlem</i>	<i>Levéltári Közleményei.</i> Budapest, Hungary.
<i>LibAnn</i>	<i>Liber Annuus.</i> Studium Biblicum Franciscanum, Jerusalem, Israel.
<i>Libya Ant</i>	<i>Libya Antiqua.</i> République Arabe Libyenne, Department of Antiquities, Tripoli, Libya.
<i>Lietuvos MokAkadDarbai</i>	<i>Lietuvos TSR Mokslų Akademijos Darbai.</i> Vilna, U.S.S.R.
<i>Limburg</i>	<i>Limburg.</i> Federatie der Geschieden Oudheidkundige Kringen van Limburg, Belgium.
<i>Lincolnshire HistArch</i>	<i>Lincolnshire History and Archaeology.</i> Lincoln, England.
<i>Listy Fil</i>	<i>Listy Filologické.</i> Prague, Czechoslovakia.
<i>LNV</i>	<i>Litterae Numismatica Vindobonenses.</i> Eckhel-Club, Vienna, Austria.
<i>Łódzki Num</i>	<i>Łódzki Numizmatyk.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział w Łodzi, Sekcja Numizmatyczna im. Kazimierza Stronczyńskiego, Łódź, Poland.
<i>LrabHasarakakan Gitut'yun</i>	<i>Lraber Hasarakakan Gitut'yuni.</i> Akademiā Nauk Armianskoī SSR, Erevan, U.S.S.R.
<i>Lüneburger B</i>	<i>Lüneburger Blätter.</i> Lüneburg, W. Germany.
<i>MAAR</i>	<i>Memoirs of the American Academy in Rome.</i> Rome, Italy.
<i>MadrMitt</i>	<i>Madridrider Mitteilungen.</i> Deutsches Archäologisches Institut, Abteilung Madrid, Heidelberg, W. Germany.
<i>Mainichi</i>	<i>Mainichi Daily News.</i> Tokyo, Japan.
<i>Märker</i>	<i>Der Märker.</i> Altena, Germany.
<i>MagIstor</i>	<i>Magazin Istoric.</i> Bucharest, Romania.
<i>Magyar NumTárÉv</i>	<i>A. Magyar Numizmatikai Társulat Évkönyve.</i> Budapest, Hungary.
<i>MainfränkJbGeschKunst</i>	<i>Mainfränkisches Jahrbuch für Geschichte und Kunst.</i> Freunde mainfränkische Kunst und Geschichte, Würzburg, W. Germany.
<i>Majallat al-aqlam</i>	<i>Majallat al-aqlam.</i> Ministry of Culture and Information, Baghdad, Iraq.
<i>Majallat al-kitāb</i>	<i>Majallat al-kitāb.</i> Jamciyyat al Mu'allijīn wa-l-

	Kuttāb al-'Irāqiyyīn [Association of Iraqi Editors and Authors], Baghdad, Iraq.
<i>Mariner's Mirror</i>	<i>Mariner's Mirror</i> . Society for Nautical Research, London, England.
<i>Marisia</i>	<i>Marisia. Studii și Materiale. Arheologice, Istorie, Et-nografie</i> . Comitetul de Cultură și Educație Socialistă al Județului Mureș, Muzeul Județean Mureș, Târgu Mureș, Romania.
<i>Marmatia</i>	<i>Marmatia</i> . Muzeul Județean Maramureș, Baia Mare, Romania.
<i>al-Maskūkāt</i>	<i>al-Maskūkāt</i> . Directorate General of Antiquities, Baghdad, Iraq.
<i>MASP</i>	<i>Materialy po Arkheologii Severnogo Prichernomor'ia</i> . Odesskiĭ Gosudarstvennyiĭ Arkheologicheskiiĭ Muzeĭa, Odessa, U.S.S.R.
<i>Materiale</i>	<i>Materiale și Cercetări Arheologice</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>Materiały Arch</i>	<i>Materiały Archeologiczne</i> . Muzeum Archeologiczne, Kraków, Poland.
<i>MatIstMuzBucurești</i>	<i>Materiale de Istorie și Muzeografie</i> . Muzeul de Istorie a Orasului București, Bucharest, Romania.
<i>MatKul'tTadzh</i>	<i>Material'naĭa Kul'tura Tadjhikistana</i> . Akademiĭ Nauk Tadjhikskoiĭ SSR, Institut Istoriĭ, Dushanbe, U.S.S.R.
<i>Matsne</i>	<i>Matsne [Vestnik]</i> Akademiĭa Nauk Gruzinskoiĭ SSR, Otdelenie Obshchestvennykh Nauk, Tiflis, U.S.S.R.
<i>MatTurc</i>	<i>Materialia Turcica</i> . Studienverlag Dr. N. Brockmeyer, Bochum, West Germany.
<i>MatZachodnio-Pomorskie</i>	<i>Materiały Zachodnio-Pomorskie</i> . Muzeum Pomorza Zachodniego, Szczecin, Poland.
<i>MBAS(Calcutta)</i>	<i>Monthly Bulletin of the Asiatic Society</i> . Calcutta, India.
<i>MC</i>	<i>Medal Collector. Official Publication of the Orders and Medals Society of America</i> . Fort Montgomery, New York, U.S.A.
<i>MDAI(A)</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung</i> . Berlin, W. Germany.
<i>MDAI(M)</i>	See <i>MadrMitt</i> .
<i>Medaglia</i>	<i>Medaglia</i> . Milan, Italy.
<i>Medaillen-Plaketten</i>	<i>Medaillen-Plaketten. Zeitschrift für die Freunde schöner Medaillen, Plaketten and Kleinkunst. Gestern-Heute-Morgen</i> . Gesellschaft der Deutschen Medaillenfreunde/Fédération Internationale

<i>Médailles</i>	de la Médaille, Hamburg, W. Germany. <i>Médailles</i> . Fédération Internationale de la Médaille, Paris, France.
<i>The Medal</i>	<i>The Medal</i> . British Medal Society, England.
<i>MeddelLundUHistMus</i>	<i>Meddelanden från Lunds Universitets Historiska Museum</i> . Lund, Sweden.
<i>MedFal</i>	<i>Medalierstwo i Falerystyka</i> . Warsaw, Poland.
<i>Medieval Arch</i>	<i>Medieval Archaeology; Journal of the Society for Medieval Archaeology</i> . London, England.
<i>MedMonatssp</i>	<i>Medizinischer Monatsspiegel</i> . Darmstadt, W. Germany.
<i>MedSculp</i>	<i>Medallic Sculpture</i> . American Medallic Sculpture Association, New York, NY, USA.
<i>MEFRA</i>	<i>Mélanges de l'École française de Rome Antiquité</i> . Rome, Italy.
<i>MEFRM</i>	<i>Mélanges de l'École française de Rome. Moyen Age, Temps Modernes</i> . Rome, Italy.
<i>MemAcadMexEstudNum</i>	<i>Memorias de la Academia Mexicana de Estudios Numismáticos</i> . Mexico, D.F., Mexico.
<i>MemAntiq</i>	<i>Memoria Antiquitatis. Acta Musei Petrodavensis</i> . Muzeul Arheologic, Piatra Neamț, Romania.
<i>MemRendAccadZel Acireale</i>	<i>Memorie e Rendiconti dell'Accademia de Scienze, Lettere e Belle Arti degli Zelanti e dei Dafnici di Acireale</i> . Acireale, Italy.
<i>MémSocAntPicardie</i>	<i>Mémoires de la Société des Antiquaires de Picardie</i> . Amiens, France.
<i>Mensuel Jean Elsen</i>	<i>Mensuel Jean Elsen</i> . Brussels, Belgium.
<i>Mesopotamia</i>	<i>Mesopotamia</i> . Turin, Italy.
<i>Metallverarbeitung</i>	<i>Metallverarbeitung</i> . Berlin, E. Germany.
<i>MéthodPhysAnal</i>	<i>Méthodes Physiques d'Analyse. Revue de Groupement pour l'Avancement des Méthodes Spectrographiques</i> . Paris, France.
<i>MIA</i>	<i>Materialy i Issledovaniia po Arkheologii SSSR. Akademika Nauk SSSR, Institut Arkheologii</i> , Moscow, U.S.S.R.
<i>MikrochimActa</i>	<i>Mikrochimica Acta</i> . Vienna, Austria.
<i>MitaliMed</i>	<i>Mitali Medaljen</i> . Finnish Art Medal Society. Helsinki, Finland.
<i>MitropOlteniei</i>	<i>Mitropolia Olteniei</i> . Craiova, Romania.
<i>MittNürnberg</i>	<i>Mitteilungen des Vereins für Geschichte der Stadt Nürnberg</i> . Nuremberg, West Germany.
<i>MMB</i>	See <i>Berichte</i> .
<i>MMusLauriacum</i>	<i>Mitteilungen</i> . Museumsverein "Lauriacum" Enns Oberösterreich, Enns, Austria.
<i>MNZ</i>	<i>Münstersche Numismatische Zeitung</i> . Münzgalerie München GmbH & Co. KG,

	Stiglmaierplatz 2, D-8000 Munich 2, West Germany.
<i>Moeda</i>	<i>Moeda</i> . Lisbon, Portugal.
<i>MÖNG</i>	<i>Mitteilungen der Österreichischen Numismatischen Gesellschaft</i> . Vienna, Austria.
<i>MoJNum</i>	<i>Missouri Journal of Numismatics</i> . Missouri Numismatic Society, St. Louis, Missouri, U.S.A.
<i>Møntårbogen</i>	<i>Møntårbogen</i> . Gentofte, Denmark.
<i>Møntsamlernyt</i>	<i>Møntsamlernyt</i> . Copenhagen, Denmark.
<i>Monedas</i>	<i>Monedas</i> . Sociedad Numismática de Puebla, Mexico.
<i>Money Trend</i>	<i>Money Trend</i> . Vaduz, Liechtenstein.
<i>Monmouthshire Ant</i>	<i>The Monmouthshire Antiquary. Proceedings of the Monmouthshire and Caerleon Antiquarian Society</i> . Newport, Wales.
<i>Móra Ferenc Múzeum</i>	<i>Móra Ferenc Múzeum Évkönyve</i> . Szeged, Hungary.
<i>Moravské NumZprávy</i>	<i>Moravské Numismatické Zprávy</i> . Moravské Museum, Brno, Czechoslovakia.
<i>Mousaios</i>	<i>Mousaios. Studii și Comunicări. Arheologie-Istorie</i> . Comitetul Județean de Cultură și Educație Socialistă, Muzeul Județean Buzau, Romania.
<i>Mowia Wieki</i>	<i>Mowia Wieki. Magazyn Historyczny</i> . Warsaw, Poland.
<i>MR</i>	<i>Münzen Revue</i> . Basel, Switzerland.
<i>Müemlékvédelem</i>	<i>Müemlékvédelem</i> . Aufsichtsbehörde des Landesdenkmalamtes, Budapest, Hungary.
<i>Münstersche NZ</i>	<i>Münstersche Numismatische Zeitung</i> . Holger Dombrowski Lagerkatalogen, Münster, W. Germany.
<i>MűvésErtés</i>	<i>Művészettörténeti Értesítő</i> [History Gazette]. Budapest, Hungary.
<i>Művészeti</i>	<i>Művészeti</i> . Budapest, Hungary.
<i>Muse</i>	<i>Muse. Annual of the Museum of Art and Archaeology, University of Missouri</i> . Columbia, Missouri, U.S.A.
<i>Musée Neuchâtelois</i>	<i>Musée Neuchâtelois</i> . Colombier, Switzerland.
<i>Muséon</i>	<i>Le Muséon</i> . Association "Le Muséon," Louvain, Belgium.
<i>Museos</i>	<i>Museos</i> . Madrid, Spain.
<i>Museum</i>	<i>Museum</i> . Tokyo National Museum, Tokyo, Japan.
<i>MuzHa'aretzBull</i>	<i>Museum Ha'aretz, Tel Aviv, Bulletin</i> . Ramat Aviv, Tel Aviv, Israel.
<i>MuzNaț</i>	<i>Muzeul Național</i> . Academia de Științe Sociale și Politice, Muzeul de Istorie al Republicii

<i>MuzPamKult</i>	Socialiste România, Bucharest, Romania. <i>Muzei i Pаметnizi na Kulturata</i> . Komitet za Izkustvo i Kultura, Sofia, Bulgaria.
<i>MuzPitești</i>	<i>Muzeul din Pitești. Studii și Comunicări. Istorie-Științele Naturii</i> . Pitești, Romania.
<i>MuzVlastivědná Práce</i>	<i>Muzejní a Vlastivědná Práce</i> . Národní Muzeum, Prague, Czechoslovakia.
<i>Myntkontakt</i>	<i>Myntkontakt. Svenska Numismatiska Föreningens Tidsskrift</i> . Stockholm, Sweden.
<i>NachrNiedersachsUr</i>	<i>Nachrichten aus Niedersachsens Urgeschichte</i> . Hanover, W. Germany.
<i>Nagano</i>	<i>Nagano</i> . Japan.
<i>NarodAziiAfriki</i>	<i>Narody Azii i Afriki. Istorija, Ekonomika, Kul'tura</i> . Akademiia Nauk SSSR, Institut Narodov Azii, Institut Afriki, Moscow, U.S.S.R.
<i>Nasa Rodina</i>	<i>Nasa Rodina</i> [Our Homeland]. Sofia, Bulgaria.
<i>NatA</i>	<i>Nationalmuseets Arbeidsmark</i> . Copenhagen, Denmark.
<i>NC</i>	<i>Numismatic Chronicle</i> . Royal Numismatic Society, London, England.
<i>NCirc</i>	<i>Numismatic Circular</i> . Spink and Son, Ltd., London, England.
<i>NCour</i>	<i>Numismatic Courier</i> . Toronto, Canada.
<i>NE</i>	<i>Numizmatika i Epigrafika</i> . Akademiia Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>NGQ</i>	<i>Numismatic Gazette Quarterly</i> . Newcastle-upon-Tyne, England.
<i>NH</i>	<i>Numismatische Hefte</i> . Kulturbund der DDR Gesellschaft für Heimatgeschichte Bezirksfachausschuss Numismatik, Dresden, E. Germany.
<i>NI</i>	<i>Numismatics International</i> . Dallas, Texas, U.S.A.
<i>NipponKKKN</i>	<i>Nippon Kunshō Kenkyū-kai Newsletter</i> . Bakersfield, California, U.S.A.
<i>Nippon Rekishi</i>	<i>Nippon Rekishi</i> [Japanese History]. Nippon Rekishi Gakkai [Japanese Historical Institution], Tokyo, Japan.
<i>NK</i>	<i>Numizmatikai Közöny</i> . Magyar Numizmatikai Társulat, Budapest, Hungary.
<i>NL</i>	<i>Numismatic Literature</i> . New York, New York, U.S.A.
<i>NListy</i>	<i>Numismatické Listy</i> . Národní Muzeum a Numismatická Společnost Československá, Prague, Czechoslovakia.
<i>NM</i>	<i>Numismatiska Meddelanden</i> . Svenska Numismatiska Föreningen, Stockholm,

	Sweden.
<i>NMessenger</i>	<i>The Numismatic Messenger</i> . Pacific Palisades, California, U.S.A.
<i>NN</i>	<i>Numismatic News Weekly</i> . Iola, Wisconsin, U.S.A.
<i>NNÅ</i>	<i>Nordisk Numismatisk Årsskrift. Scandinavian Numismatic Journal</i> . Scandinavian Numismatic Union, Lund, Sweden.
<i>NNb</i>	<i>Numismatisches Nachrichtenblatt</i> . Organ des Verbandes der Deutschen Münzvereine e.V. Speyer, W. Germany.
<i>NNF-Nytt</i>	<i>NNF-Nytt. Meddelelser fra Norsk Numismatisk Forening</i> . Journal of the Norwegian Numismatic Society, Oslo, Norway.
<i>NNM</i>	<i>Numismatic Notes and Monographs</i> . American Numismatic Society, New York, New York, U.S.A.
<i>NNUM</i>	<i>Nordisk Numismatisk Unions Medlemsblad</i> . Copenhagen, Denmark.
<i>Nomisma</i>	<i>Nomisma</i> . Association des Cheminots Numismats, Paris, France.
<i>NomKhron</i>	<i>Nomismatika Khronika</i> . Hellenic Numismatic Society, Athens, Greece.
<i>NorArchRev</i>	<i>Norwegian Archaeological Review</i> . Norsk Arkeologisk Kommissjon, Oslo, Norway.
<i>NorddJMuG</i>	<i>Norddeutsches Jahrbuch für Münzkunde und verwandte Gebiete</i> . Verlag des Auktionshauses Tietjen. Hamburg, W. Germany.
<i>NordharzerJ</i>	<i>Nordharzer Jahrbuch</i> . Veröffentlichungen des Städtischen Museums Halberstadt, Halberstadt, East Germany.
<i>Nordost-Archiv</i>	<i>Nordost-Archiv</i> . Nordostdeutscher Kulturwerk, Lüneburg, W. Germany.
<i>Norfolk Arch</i>	<i>Norfolk Archaeology</i> . Norfolk and Norwich Archaeological Society, Norwich, England.
<i>North Staffordshire JField Stud</i>	<i>North Staffordshire Journal of Field Studies</i> . University College of North Staffordshire, Keele, England.
<i>NotChiostroMonMagg</i>	<i>Notizie dal Chiostro del Monastero Maggiore</i> . Civico Museo Archeologico/Civico Gabinetto Numismatico, Milan, Italy.
<i>NPlockie</i>	<i>Notatki Plockie</i> . Towarzystwo Naukowe Plockie, Plock, Poland.
<i>NRCG</i>	<i>Numismatic Review and Coin Galleries Fixed Price List</i> . Coin Galleries, New York, New York, U.S.A.
<i>NRCyprus</i>	<i>Numismatic Report</i> . Cyprus Numismatic Society, Larnaca, Cyprus.

<i>NS</i>	<i>Numismatic Studies</i> . American Numismatic Society, New York, New York, U.S.A.
<i>NsächsJLgesch</i>	<i>Niedersächsisches Jahrbuch für Landesgeschichte</i> . Verlag August Lax, Hildesheim, West Germany.
<i>NScavAnt</i>	<i>Notizie degli Scavi di Antichità</i> . Accademia Nazionale dei Lincei, Rome Italy.
<i>NS(Czech)</i>	<i>Numismatický Sborník</i> . Československá Akademie Věd, Historický Ústav, Numismatická Komise, Prague, Czechoslovakia.
<i>NSM</i>	<i>Numismatic Scrapbook Magazine</i> . Sidney, Ohio, U.S.A.
<i>NSR</i>	<i>National Sculpture Review</i> . National Sculpture Society, New York, New York, U.S.A.
<i>NS(USSR)</i>	<i>Numizmaticheskii Sbornik. Materialy k katalogu numizmaticheskogo sobraniia Gosudarstvennyi Istoricheskii Muzei</i> . Moscow, U.S.S.R.
<i>Num</i>	<i>Numismatist</i> . Official Publication of the American Numismatic Association. Colorado Springs, Colorado, U.S.A.
<i>NumAntClas</i>	<i>Quaderni Ticinesi. Numismatica e Antichità Classiche</i> . Gli Amici dei Quaderni Ticinesi di Numismatica e Antichità Classiche, Lugano, Switzerland.
<i>NumBeitr</i>	<i>Numismatische Beiträge</i> . Deutscher Kulturbund, Berlin, E. Germany.
<i>NumChange</i>	<i>Numismatique et Change</i> . Louppy-sur-Cher, Bar-le-Duc, France.
<i>NumDigest</i>	<i>Numismatic Digest</i> . Numismatic Society of Bombay, Bombay, India.
<i>NumHisp</i>	<i>Numario Hispánica</i> . Superior de Investigaciones Científicas, Museo Arqueológico Nacional y Asociación Numismática Española, Madrid/Barcelona, Spain.
<i>Numisma</i>	<i>Numisma</i> . Madrid, Spain.
<i>Numismaatikko</i>	<i>Numismaatikka</i> . Suomen Numismaatikkoliitto ry:n julkaisu, Helsinki, Finland.
<i>Numisma(Austral)</i>	<i>Numisma. An Occasional Numismatic Magazine</i> . Melbourne, Australia.
<i>Numismatica</i>	<i>Numismatica. Periodico di Cultura e di Informazione Numismatica</i> . Rome, Italy.
<i>Numismática(Brazil)</i>	<i>Numismática</i> . Rio de Janeiro, Brazil.
<i>NumIsrael</i>	<i>Numismatics in Israel</i> . Elat, Israel.
<i>Numizmatičar</i>	<i>Numizmatičar</i> . National Museum, Belgrade, Yugoslavia, and the Serbian Numismatic Society.
<i>Numizmatika</i>	<i>Numizmatika</i> . [Union of Philatelists in Bulgaria],

	Sofia, Bulgaria.
<i>NumMoravica</i>	<i>Numismatica Moravica</i> . Moravské Muzeum, Brno, Czechoslovakia.
<i>Nummus</i>	<i>Nummus</i> . Oporto, Portugal.
<i>NumRapp</i>	<i>Numismatisk Rapport</i> . Meddelelser fra dansk numismatisk forening. Copenhagen, Denmark.
<i>NumSfrag</i>	<i>Numizmatika i Sfragistika</i> . Akademija Nauk Ukrainської SSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>NumStockholm</i>	<i>Numismatica Stockholmiensia. Annual Reports and Acquisitions of the Royal Coin Cabinet, National Museum of Monetary History</i> . Stockholm, Sweden.
<i>NV</i>	<i>Numizmatičke Vijesti</i> . Hrvatsko Numismatičko Društvo [Croatian Numismatic Society], Zagreb, Yugoslavia.
<i>NYT</i>	<i>New York Times</i> . New York, New York, U.S.A.
<i>NZ</i>	<i>Numismatische Zeitschrift</i> . Numismatische Gesellschaft, Vienna, Austria.
<i>NZN</i>	<i>Royal Numismatic Society of New Zealand Newsletter</i> . Wellington, New Zealand.
<i>NZNJ</i>	<i>New Zealand Numismatic Journal. Proceedings of the Royal Numismatic Society of New Zealand</i> . Wellington, New Zealand.
<i>ObshchestNaukUzbek</i>	<i>Obshchestvennye Nauki v Uzbekistane</i> . Akademija Nauk Uzbekskoi SSR, Tashkent, U.S.S.R.
<i>Ogam</i>	<i>Ogam. Tradition Celtique</i> . Amis de la Tradition Celtique, Rennes, France.
<i>Okayama Shigaku</i>	<i>Okayama Shigaku</i> [Historical Science of Okayama]. Okayama Historical Science Society, Okayama University, Okayama, Japan.
<i>Oltenia</i>	<i>Oltenia. Studii și Comunicări. Istorie</i> . Muzeul Olteniei, Craiova, Romania.
<i>ONSN</i>	<i>Oriental Numismatic Society Newsletter</i> . Reading, England.
<i>OOAL</i>	<i>Out on a Limb</i> . Journal of the Money Tree, Rocky River, Ohio, USA.
<i>OpuscAthen</i>	<i>Opuscula Atheniensia. Skrifter Utgivna av Svenska Institutet i Athen—Acta Instituti Atheniensis Regni Sueciae</i> . Lund, Sweden.
<i>Ordenskunde</i>	<i>Ordenskunde. Beiträge zur Geschichte der Auszeichnungen</i> . International Gesellschaft für Wissenschaftliche Ordenskunde, Berlin, W. Germany.
<i>Oriens Antiquus</i>	<i>Oriens Antiquus</i> . Istituto per l'Oriente, Centro

	per l'Antichità e la Storia dell'arte del Vicino Oriente, Rome, Italy.
<i>OrientLovan</i>	<i>Orientalia Lovaniensia Periodica</i> . Instituut voor Oriëntalistiek, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>OrientSuecana</i>	<i>Orientalia Suecana</i> . Institutionen för semitiska språk, Uppsala, Sweden.
<i>Osječki Zbor</i>	<i>Osječki Zbornik</i> . Musej Slavonije, Osijek, Yugoslavia.
<i>OsnabrückMitt</i>	<i>Osnabrücker Mitteilungen</i> . Osnabrück, W. Germany.
<i>OSNOP</i>	<i>Oriental Numismatic Society Occasional Papers</i> . Reading, England.
<i>Otchłani Wieków</i>	<i>Z Otchłani Wieków</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>Oxoniensia</i>	<i>Oxoniensia</i> . Oxford Architectural and Historical Society, Oxford, England.
<i>ÖZV</i>	<i>Österreichische Zeitschrift für Volkskunde</i> . Vienna, Austria.
<i>PACT</i>	<i>PACT. Revue du groupe européen d'études pour les techniques physiques, chimiques et mathématiques appliquées à l'archéologie</i> . Strasbourg, France/Rixensart, Belgium.
<i>Padusa</i>	<i>Padusa. Bollettino del Centro Polesano di Studi Storici, Archeologici ed Etnografici</i> . Italy.
<i>PalSbor</i>	<i>Palestinskiĭ Sbornik</i> . Akademiia Nauk SSSR, Rossiiskoe Palestinskoe Obshchestvo, Moscow, U.S.S.R.
<i>Parchemin</i>	<i>Le Parchemin</i> . Office Généalogique et Héraldique de Belgique, Musées Royaux d'Arts et d'Histoire, Brussels, Belgium.
<i>Past and Present</i>	<i>Past and Present. A Journal of Historical Studies</i> . Past and Present Society, Oxford, England.
<i>Patma-Banasirakan Handes</i>	<i>Patma-Banasirakan Handes</i> . See <i>IstFilZhurANArmian</i> .
<i>Pays Gaumais</i>	<i>Le Pays Gaumais</i> . Le Musée Gaumais, Virton, Belgium.
<i>Penny-Wise</i>	<i>Penny-Wise</i> . Early American Coppers, Inc., New York, New York, U.S.A.
<i>Perüzügi Szemle</i>	<i>Perüzügi Szemle</i> [Financial Review]. Budapest, Hungary.
<i>PEQ</i>	<i>Palestine Exploration Quarterly</i> . Palestine Exploration Fund, London, England.
<i>Peuce</i>	<i>Peuce</i> . Muzeul Delta Dunării, Tulcea, Romania.
<i>Pfälzer H</i>	<i>Pfälzer Heimat</i> . Speyer, W. Germany.
<i>PhilatPregl</i>	<i>Philatelen Pregled</i> . Sofia, Bulgaria.

<i>Phoenix</i>	<i>Phoenix. Journal of the Classical Association of Canada.</i> Toronto, Canada.
<i>Physis</i>	<i>Physis. Rivista internazionale di Storia della Scienza.</i> Florence, Italy.
<i>Picus</i>	<i>Picus.</i> Il Ponte, Canale di Monterotondo, Rome, Italy.
<i>PismPamVostoka</i>	<i>Pis'mennye Pamyatniki Vostoka.</i> Akademiia Nauk SSSR, Institut Vostokovedeniia, Moscow, U.S.S.R.
<i>Plus Ultra</i>	<i>Plus Ultra.</i> Azteca Numismatic Society, Los Angeles, California, U.S.A.
<i>PM</i>	<i>Paper Money. Official Publication of the Society of Paper Money Collectors.</i> Jefferson, Wisconsin, U.S.A.
<i>PMatMuzArchEtno</i>	<i>Prace i Materiały Museum Archeologicznego i Etnograficznego w Łodzi.</i> Museum Archeologiczne Etnograficzne w Łodzi, Łódź, Poland.
<i>Pontica</i>	<i>Pontica. Studii și Materiale de Istorie, Arheologie și Muzeografie.</i> Muzeul de arheologie, Constanța, Romania.
<i>Post-Medieval Arch</i>	<i>Post-Medieval Archaeology.</i> Society for Post-Medieval Archaeology, London, England.
<i>PProcHampshire Field Club</i>	<i>Papers and Proceedings of the Hampshire Field Club and Archaeological Society.</i> Southampton, England.
<i>PracMat</i>	<i>Prace i Materiały Muzeum Archeologicznego i Etnograficznego w Łodzi.</i> Seria numizmatyczna i konserwatorska. The Archaeological and Ethnographical Museum, Łódź, Poland.
<i>Praktika</i>	<i>Praktika tēs en Athēnais Arkhaiologikēs Hetairias.</i> Archaeological Society, Athens, Greece.
<i>Pražský SborHist</i>	<i>Pražský Sborník Historický.</i> Prague, Czechoslovakia.
<i>Preistoria</i>	<i>Preistoria. Bullettino di Paletnologia Italiana.</i> Museo Nazionale Preistorico ed Etnografico "L. Pigorini," Rome, Italy.
<i>ProbVostok</i>	<i>Problemy Vostokovedeniia.</i> Akademiia Nauk SSSR, Institut Vostokovedeniia, Institut Kitaevedeniia, Moscow, U.S.S.R.
<i>ProcCambridge AntSoc</i>	<i>Proceedings of the Cambridge Antiquarian Society.</i> Cambridge, England.
<i>ProcCambridge PhilSoc</i>	<i>Proceedings of the Cambridge Philological Society.</i> Cambridge, England.
<i>ProcDevon ArchSoc</i>	<i>Proceedings of the Devon Archaeological Society.</i> Exeter, England.
<i>ProcDorset NaturHist ArchSoc</i>	<i>Proceedings of the Dorset Natural History and Archaeological Society.</i> Dorchester, England.

<i>ProcPrehistSoc</i>	<i>Proceedings of the Prehistoric Society.</i> London, England.
<i>ProcRoyal Irish Acad</i>	<i>Proceedings of the Royal Irish Academy.</i> Dublin, Ireland.
<i>ProcSocAntiqScotland</i>	<i>Proceedings of the Society of Antiquaries of Scotland.</i> Edinburgh, Scotland.
<i>ProcSomerset ArchNaturHist Soc</i>	<i>Proceedings of the Somerset Archaeology and Natural History Society.</i> Taunton, England.
<i>ProcSuffolk InstArch</i>	<i>Proceedings of the Suffolk Institute of Archaeology.</i> Ipswich, England.
<i>Przegląd Hist</i>	<i>Przegląd Historyczny.</i> Towarzystwo Miłośników Historii, Warsaw, Poland.
<i>PubHistInstLuxembourg</i>	<i>Publications de la Section Historique de l'Institut Grand-Ducal de Luxembourg.</i> Luxembourg.
<i>PWPenny Wise.</i> Journal of the Early American Coppers Club, USA.	
<i>Pyrenae</i>	<i>Pyrenae.</i> Universidad de Barcelona, Instituto de Arqueología y Prehistoria, Barcelona, Spain.
<i>Qadmoniot</i>	<i>Qadmoniot.</i> Israel Exploration Society, Jerusalem, Israel.
<i>QAssocLigArchStorNav</i>	<i>Quaderni.</i> Associazione Ligure de Archeologia e Storia Navale, Genoa, Italy.
<i>QDAP</i>	<i>Quarterly of the Department of Antiquities in Palestine.</i> Jerusalem, Israel.
<i>QTicNumAntClas</i>	<i>See NumAntClas</i>
<i>QuadEstudMed</i>	<i>Quaderns d'Estudis Medievals.</i> Barcelona, Spain.
<i>QuadMed</i>	<i>Quaderni Medievali.</i> Dedalo, Bari, Italy.
<i>RANS</i>	<i>Report of the Australian Numismatic Society.</i> Sydney, Australia.
<i>RArchAntica Como</i>	<i>Rivista archeologica dell'antica provincia e diocesi di Como.</i> Como, Italy.
<i>RevArchéom</i>	<i>Revue Archéométrie.</i> Rennes, France.
<i>RArchHistArtLouvain</i>	<i>Revue des Archéologues et Historiens d'Art de Louvain.</i> Louvain, Belgium.
<i>RBelArchHistArt</i>	<i>Revue belge d'Archéologie et d'Histoire de l'Art.</i> Académie royale d'Archéologie de Belgique, Musée Bellevue, Brussels, Belgium.
<i>RBN</i>	<i>Revue Belge de Numismatique et de Sigillographie.</i> Société Royale de Numismatique de Belgique, Brussels, Belgium.
<i>REA</i>	<i>Revue des Études Anciennes. Annales de la Faculté des Lettres de Bordeaux.</i> Bordeaux, France.
<i>Real de a 8</i>	<i>Real de a 8.</i> Club Numismático Tepeaca, Puebla, Mexico.
<i>RecBuckinghamshire</i>	<i>Records of Buckinghamshire.</i> Aylesbury, England.
<i>RechÉconLouvain</i>	<i>Recherches Économiques de Louvain.</i> Louvain,

<i>REG</i>	Belgium. <i>Revue des Études Grecques</i> . Association pour l'Encouragement des Études Grecques en France, Paris, France.
<i>Rekishi Kyoiku</i>	<i>Rekishi Kyoiku</i> [The Journal of Historical Education]. Nippon Shoin, Tokyo, Japan.
<i>RendPontAcc</i>	<i>Rendiconti della Pontificia Accademia Romana di Archeologia</i> . Rome, Italy.
<i>RepAASaustral</i>	<i>Report of the Meeting of the Association for the Advancement of Science</i> . Australasian Association for the Advancement of Science, Sydney, Australia.
<i>RepTransDevonshire</i>	<i>Report and Transactions</i> . Devonshire Association for the Advancement of Science, Literature and Art, Plymouth, England.
<i>RevAlteneoParaguay</i>	<i>Revista del Alteneo Paraguayo</i> . Asunción, Paraguay.
<i>RevArch</i>	<i>Revue Archéologique</i> . Paris, France.
<i>RevArchECE</i>	<i>Revue archéologique de l'Est et du Centre-Est</i> . Dijon, France.
<i>RevArchNarbonn</i>	<i>Revue Archéologique de Narbonnaise</i> . Montpellier, France.
<i>RevArchPic</i>	<i>Revue archéologique de Picardie</i> . Société des Antiquités historiques de Picardie, Amiens, France.
<i>RevArhiv</i>	<i>Revista Arhivelor</i> . Bucharest, Romania.
<i>RevBanque</i>	<i>Revue de la Banque</i> . Union Syndicale Professionnelle des Employés de Banque, Brussels, Belgium.
<i>RevBelgeHistMil</i>	<i>Revue Belge d'Histoire Militaire</i> . Les Amis du Musée Royal de l'Armée et d'Histoire Militaire, Brussels, Belgium.
<i>RevBelgePhilHist</i>	<i>Revue Belge de Philologie et d'Histoire</i> . Brussels, Belgium.
<i>RevÉtArmén</i>	<i>Revue des Études Arméniennes</i> . Société des Études Arméniennes, Paris, France.
<i>RevÉtSEEur</i>	<i>Revue des Études Sud-Est Européennes</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Studii Sud-Est Europene, Bucharest, Romania.
<i>RevInHistBanque</i>	<i>Revue Internationale d'Histoire de la Banque</i> . Geneva, Switzerland.
<i>RevMuz</i>	<i>Revista Muzeelor</i> . Consiliul Culturii și Educației Socialiste, Bucharest, Romania. See also <i>RevMuzMMon</i> .
<i>RevMuzMMon</i>	<i>Revista Muzeelor și Monumentelor, seria Monumente Istorice și Artă</i> . Consiliul Culturii și Educației Socialiste, Bucharest, Romania.

<i>RevMuzMMuz</i>	<i>Revista Muzeelor și Monumentelor, seria Muzeu.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>RevNord</i>	<i>Revue du Nord.</i> L'Université de Lille, l'Université de Picardie and la Direction de l'Enseignement Supérieur, du Centre National de la Recherche Scientifique, du Conseil Régional, des Conseils Généraux du Nord and du Pas-de-Calais and des villes de Lille and Amiens, Lille, France.
<i>RevNumArg</i>	<i>Revista Numismática Argentina.</i> Asociación Numismática Argentina, Buenos Aires, Argentina.
<i>RevVivarais</i>	<i>Revue du Vivarais.</i> Largentière, France.
<i>RheinVb</i>	<i>Rheinische Vierteljahrsblätter.</i> Institut für Geschichtliche Landeskunde der Rheinlande, Bonn Universität, Bonn, W. Germany.
<i>RHist</i>	<i>Revue Historique.</i> Paris, France.
<i>RHistDroit</i>	<i>Revue Historique de Droit Français et Étranger.</i> Paris, France.
<i>RiminiStorArtCult</i>	<i>Rimini Storia Arte e Cultura.</i> Rimini, Italy.
<i>RIN</i>	<i>Rivista Italiana di Numismatica e Scienze Affini.</i> Società Numismatica Italiana in Milano, Milan, Italy.
<i>RivStLiguri</i>	<i>Rivista di Studi Liguri.</i> Istituto Internazionale di Studi Liguri, Bordighera, Italy.
<i>RN</i>	<i>Revue Numismatique.</i> Société Française de Numismatique, Centre National de la Recherche Scientifique, Paris, France.
<i>RobbRpt</i>	<i>The Robb Report.</i> Robb Report, Inc., Alton, MA, USA.
<i>RoczBiałostocki</i>	<i>Rocznik Białostocki.</i> Muzeum w Białymstoku, Białystok, Poland.
<i>RoczHist</i>	<i>Roczniki Historyczne.</i> Poznańskie Towarzystwo Przyjaciół Nauk, Wydział Historii i Nauk Społecznych, Warsaw/Poznań, Poland.
<i>RoczJeleniogórski</i>	<i>Rocznik Jeleniogórski.</i> Towarzystwo Rozwoju Ziemi Zachodnich/Towarzystwo Przyjaciół Ziemi Jeleniogórskiej, Wrocław, Poland.
<i>RoczKrakowski</i>	<i>Rocznik Krakowski.</i> Towarzystwo Miłośników Historii i Zabytków, Kraków, Poland.
<i>RoczMuzNarodWarszawie</i>	<i>Rocznik Muzeum Narodowego w Warszawie.</i> Warsaw, Poland.
<i>RoczMuzŚwięt</i>	<i>Rocznik Muzeum Świętokrzyskiego.</i> Muzeum Świętokrzyskie w Kielcach, Kraków, Poland.
<i>RoczMuzToruniu</i>	<i>Rocznik Muzeum w Toruniu.</i> Toruń, Poland.

<i>RodopskiZbor</i>	<i>Rodopski Zbornik</i> . B'lgarska Akademiia na Naukite, Institut za Istorifa, Sofia, Bulgaria.
<i>RÖ</i>	<i>Römisches Österreich, Jahresschrift der österreichischen Gesellschaft für Archäologie</i> . Vienna, Austria.
<i>Romana Contact</i>	<i>Romana Contact</i> . Société d'Archéologie Romana, Ganshoren, Belgium.
<i>Romano-Barbarica</i>	<i>Romano-Barbarica</i> . Herder, Rome, Italy.
<i>RömQ</i>	<i>Römische Quartalschrift für christliche Altertumskunde und Kirchengeschichte</i> . Rome, Italy.
<i>RotenburgSchr</i>	<i>Rotenburger Schriften</i> . Heimatbund Rotenburg/Wümme, Kreisvereinigung für Heimat- und Kulturpflege E.V., Rotenburg/Wümme, W. Germany.
<i>RozČeskAkad</i>	<i>Rozpravy Československé Akademie Věd</i> . Prague, Czechoslovakia.
<i>RozNárodTechMuzPraze</i>	<i>Rozpravy Národního Technického Muzea v Praze</i> . Prague, Czechoslovakia.
<i>RRoumaineHist</i>	<i>Revue Roumaine d'Histoire</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>RRoumaineHistArt</i>	<i>Revue Roumaine d'Histoire de l'Art</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romaina.
<i>RStorItal</i>	<i>Rivista Storica Italiana</i> . Edizioni scientifiche italiane, Naples, Italy.
<i>RStudFenici</i>	<i>Rivista di Studi Fenici</i> . Centro di Studi per la Civiltà Fenicia e Punica, Rome, Italy.
<i>RStudLiguri</i>	<i>Rivista di Studi Liguri</i> . Istituto Internazionale di Studi Liguri, Museo Bicknell, Bordighera, Italy.
<i>SA</i>	<i>Sovetskaiia Arkheologiia</i> . Akademiiia Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>Saguntum</i>	<i>Saguntum</i> . Laboratorio de Arqueologia, Valencia, Spain.
<i>SAN</i>	<i>SAN. Journal of the Society for Ancient Numismatics</i> . Santa Monica, California, U.S.A.
<i>Sanct Olof</i>	<i>Sanct Olof. Julbok för de Åländske Församlingarna</i> . Mariehamn, Åland Island.
<i>Sargetia</i>	<i>Sargetia. Acta Musei Regionalis Devensis</i> . Muzeul Județean, Deva, Romania.
<i>SBF</i>	<i>Studii Biblici Franciscani—Liber Annus</i> . Jerusalem, Israel.
<i>SborArchPraci</i>	<i>Sbornik Archivních Prací</i> . Ministerstvo Vnitro, Prague, Czechoslovakia.
<i>SborNárodMuzPraze</i>	<i>Sbornik Národního Muzea v Praze (Acta Musei Na-</i>

	<i>tionalis Pragae</i>), <i>Series A-Historia</i> . Prague, Czechoslovakia.
<i>SborPracíFilosFakBrno</i>	<i>Sbornik Prací Filosofické Fakulty</i> . Filosofická Fakulta, Řada E, Archeologicko-Klasická, Universiteta J.E. Purkyně, Brno, Czechoslovakia.
<i>SborVlastPracPodblanicka</i>	<i>Sbornik Vlastivědných Prací z Podblanicka</i> . Vlastivědné Muzeum Podblanicka, Jemniště, Czechoslovakia.
<i>ScandEcHistRev</i>	<i>Scandinavian Economic History Review</i> . Scandinavian Society for Economic and Social History and Historical Geography, Stockholm, Sweden.
<i>SchildSteier</i>	<i>Schild von Steier. Beiträge zur Steierischen Vor- und Frühgeschichte und Münzkunde</i> . Steirischen Landesmuseum Joanneum, Graz, Austria.
<i>Schlern</i>	<i>Schlern. Monatsschrift für Heimat- und Volkskunde</i> . Bolzano, Italy.
<i>SchneebergerHB</i>	<i>Schneeberger Heimatbüchlein</i> . Rat der Stadt, Schneeberg, E. Germany.
<i>SCIA</i>	<i>Studii și Cercetări de Istoria Artei. Seria Arta Plasită</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>SciAm</i>	<i>The Scientific American</i> . New York, New York, U.S.A.
<i>SCIVA</i>	<i>Studii și Cercetări de Istorie Veche și Arheologie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>SCMB</i>	<i>Seaby's Coin and Medal Bulletin</i> . London, England.
<i>SCN</i>	<i>Studii și Cercetări de Numismatică</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>ScotHistR</i>	<i>Scottish Historical Review</i> . Aberdeen, Scotland.
<i>Sefarad</i>	<i>Sefarad</i> . Consejo Superior de Investigaciones Científicas, Instituto Benito Arias Montano, Madrid, Spain.
<i>Sefunim</i>	<i>Sefunim. Bulletin of the Maritime Museum</i> . Haifa, Israel.
<i>Severní Morava</i>	<i>Severní Morava, Vastivedný Sbornik</i> . Vlastivedna Muzea na Sumperském Okrese, Zábreh, Czechoslovakia.
<i>Shekel</i>	<i>Shekel</i> . American Israel Numismatic Association, New York, New York, U.S.A.

<i>Sibrium</i>	<i>Sibrium</i> . Centro de Studi Preistorici ed Archeologici, Musei Civici di Villa Mirabello, Barese, Italy.
<i>Sicilia Arch</i>	<i>Sicilia Archaeologica. Rassegna Periodica di Studi, Notizie e Documentazione</i> . Ente Provinciale Turismo di Trapani, Trapani, Italy.
<i>Siegerland</i>	<i>Siegerland</i> . Siegerländer Heimatverein, Siegen, W. Germany.
<i>Širag</i>	<i>Širag. Amsagir Grakanut ean ew Aruesdi</i> [Sirag. An Armenian Monthly]. T'ek'eean Cultural Society, Beirut, Lebanon.
<i>SK</i>	<i>Sovetskiĭ Kolleksioner</i> . Izdatel'stvo Svĭaz', Moscow, U.S.S.R.
<i>SkandNumis</i> <i>Śląski KwartHistSobótka</i>	<i>Skandinavisk Numismatik</i> . Skärholmen, Sweden. <i>Śląski Kwartalnik Historyczny Sobótka</i> . Wrocławskie Towarzystwo Miłośników Historii, Wrocław, Poland.
<i>Slavia Ant</i>	<i>Slavia Antiqua. Periodical Devoted to Slavonic Antiquities</i> . Poznań, Poland.
<i>Sleszký Num</i>	<i>Sleszký Numismatik</i> . Sleszké Muzeum v Opavě, Opava, Czechoslovakia.
<i>SlovArch</i>	<i>Slovenská Archeológia</i> . Archeologický Ustav Slovenskej Akadémie Vĕd, Nitra-Hrad, Czechoslovakia.
<i>SlovNumiz</i>	<i>Slovenské Numizmatika</i> . Slovenské Akadémie Vĕd, Historický Ustav, Numizmatická Komisia, Bratislava, Czechoslovakia.
<i>SM</i>	<i>Schweizer Münzblätter (Gazette Numismatique Suisse)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNR</i>	<i>Schweizerische Numismatische Rundschau (Revue Suisse de Numismatique)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNT</i>	<i>Svensk Numismatisk Tidskrift</i> . Stockholm, Sweden. Formerly <i>Myntkontakt</i> .
<i>SocNumMéxico Bol</i>	<i>Sociedad Numismática de México Boletín</i> . Mexico City, Mexico.
<i>Sønderjyds M-skr</i>	<i>Sønderjyds Månedsskrift</i> . Historisk Samfund for Sønderjylland, Haderslev, Denmark.
<i>Soester Z</i>	<i>Soester Zeitschrift</i> . Verein für die Geschichte von Soest und der Börde, Soest, W. Germany.
<i>Somerset ArchNatHist</i>	<i>Somerset Archaeology and Natural History</i> . Proceedings of the Somersetshire Archaeology and Natural History Society, Taunton, England.

<i>SoobANGruzSSR</i>	<i>Soobshcheniia Akademii Nauk Gruzinskoï SSR.</i> Tiflis, U.S.S.R.
<i>SoobGErmitazh</i>	<i>Soobshcheniia Gosudarstvennogo Ermitazha.</i> Leningrad, U.S.S.R.
<i>SoobGMuzIzobIskPushkin</i>	<i>Soobshcheniia Gosudarstvennyi Muzei Izobrazitel'nykh Iskusstv Imeni A.S. Pushkina.</i> Moscow/Leningrad, U.S.S.R.
<i>SoobKhersonMuz</i>	<i>Soobshcheniia Khersonnenskogo Muzeia.</i> Sebastopol. Simferopol, U.S.S.R.
<i>Soproni Szemle</i>	<i>Soproni Szemle.</i> Sopron, Hungary.
<i>Sot la Nape</i>	<i>Sot la Nape.</i> Società Filologica Friulana, Udine, Italy.
<i>Sovetskie Arkhivy</i>	<i>Sovetskie Arkhivy.</i> Glavnoe arkhivnoe upravlenie pri Sovete Ministrov SSSR, Moscow, U.S.S.R.
<i>Speculum</i>	<i>Speculum. A Journal of Mediaeval Studies.</i> Mediaeval Academy of America, Cambridge, Massachusetts, U.S.A.
<i>Spoletium</i>	<i>Spoletium.</i> Accademia Spoletina, Spoleto, Italy.
<i>Sprache</i>	<i>Die Sprache. Zeitschrift für Sprachwissenschaft.</i> Wiener Sprachwissenschaft, Vienna, Austria.
<i>SprawNum</i>	<i>Sprawozdania Numismatyczne.</i> Muzeum Archeologiczne i Etnograficzne w Łodzi. Łódź, Poland.
<i>Sprawozdania KomNauk PAN</i>	<i>Sprawozdania z Posiedzeń Komisji Naukowych Polskiej Akademii Nauk.</i> Kraków, Poland.
<i>SSCA</i>	<i>Stockholm Studies in Classical Archaeology.</i> Stockholm, Sweden.
<i>Starinar</i>	<i>Starinar.</i> Srpska Akademija Nauka, Arheološki Institut, Belgrade, Yugoslavia.
<i>Star in the East</i>	<i>Star in the East.</i> Bible Lands Society, High Wycombe, England.
<i>StudActa Orient</i>	<i>Studia et Acta Orientalia.</i> Académie Roumaine, Bucharest, Romania.
<i>StudAlb</i>	<i>Studia Albanica.</i> Université d'État de Tirana, Institut d'Histoire et de Linguistique, Tirana, Albania.
<i>StudAntArch</i>	<i>Studia antiqua et archaeologica.</i> Universitatea Al. I. Cuza, Facultatea de istorie și filosofie. Iași, Romania.
<i>StudArchaeologica</i>	<i>Studia Archaeologica.</i> Universidad de Valladolid, Valladolid, Spain.
<i>StudArcheologiczne</i>	<i>Studia Archeologiczne.</i> Instytut Archeologii, Uniwersytet Warszawski, Poland.
<i>StudCercBuzău</i>	<i>Studii și Cercetări de Istorie Buzoiană.</i> Comitetul județean de Cultură și Educație Socialistă

	Bazău, Muzeul Județean de Istorie, Buzău, Romania.
<i>StudClas</i>	<i>Studii Clasice</i> . Academia Republicii Socialiste România, Bucharest, Romania.
<i>StudComunBrukenthal</i>	<i>Studii și Comunicări</i> . Muzeul Brukenthal, Sibiu, Romania.
<i>StudComunPitești</i>	<i>Studii și Comunicări</i> . Muzeul Pitești, Pitești, Romania.
<i>StudComunSatuMare</i>	<i>Studii și Comunicări</i> . Muzeul de Istorie, Satu Mare, Romania.
<i>Studia Cluj</i>	<i>Studia Universitatis Babes-Bolyai, Series Historia</i> . Cluj, Romania.
<i>Studies in Conservation</i>	<i>Studies in Conservation</i> . International Institute for Conservation of Historic and Artistic Works, London, England.
<i>Studi Magrebini</i>	<i>Studi Magrebini</i> . Centro di Studi Magrebini, Naples, Italy.
<i>StudIran</i>	<i>Studia Iranica</i> . F.E.J. Brill, Leiden, Netherlands.
<i>Studi Romagnoli</i>	<i>Studi Romagnoli</i> . Società di Studi Romagnoli, Faenza, Italy.
<i>StudMatIstMedie</i>	<i>Studii și Materiale de Istorie Medie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>StudMatMuzIstMil</i>	<i>Studii și Materiale de Muzeografie și Istorie Militară</i> . Musée Central Militaire, Bucharest, Romania.
<i>StudMatMuzTîrgu Mureș</i>	<i>Studii și Materiale</i> . Muzeul Județean Tîrgu Mureș, Tîrgu Mureș, Romania.
<i>StudMatSuceava</i>	<i>Studii și Materiale</i> . Muzeul Județean, Suceava, Romania.
<i>StudPicena</i>	<i>Studia Picena</i> . Fano, Italy.
<i>StudRevIst</i>	<i>Studii, Revistă de Istorie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>StudSard</i>	<i>Studi Sardi</i> . Università di Cagliari, Istituto di Studi Sardi, Sassari, Sardinia, Italy.
<i>StudVenez</i>	<i>Studi Veneziani</i> . Centro di Cultura e Civiltà Istituto di Storia della Società e dello Stato Veneziano, Florence, Italy.
<i>StudŹródłoznawcze</i>	<i>Studia Źródłoznawcze. Commentationes</i> . Polska Akademia Nauk, Instytut Historii, Warsaw, Poland.
<i>Suceava</i>	<i>Suceava. Anuarul Muzeului Județean</i> . Suceava, Romania.
<i>SüdostdeutschesArchiv</i>	<i>Südostdeutsches Archiv</i> . Südostdeutschen

	Historischen Kommission, Munich, W. Germany.
<i>Südost-Forsch</i>	<i>Südost-Forschungen. Internationale Zeitschrift für Geschichte, Kultur und Landeskunde Südosteuropas.</i> Südost-Institut, Munich, W. Germany.
<i>Sumer</i>	<i>Sumer.</i> Directorate General of Antiquities, Baghdad, Iraq.
<i>Suomen Museo</i>	<i>Suomen Museo.</i> Archaeological Society of Finland, Helsinki, Finland.
<i>Surrey ArchColl</i>	<i>Surrey Archaeological Collections.</i> Surrey Archaeological Society, Guildford, England.
<i>SussexArchColl</i>	<i>Sussex Archaeological Collections Relating to the History and Antiquities of the County.</i> Sussex Archaeological Society, Sussex, England.
<i>SymThrac</i>	<i>Symposia Thracologica.</i> Simpozion anual de Tracologie, Romania.
<i>Syria</i>	<i>Syria. Revue d'Art Oriental et d'Archéologie.</i> Institut Français d'Archéologie de Beyrouth, Paris, France.
<i>A. SzékelyNumzMuz Ertes</i>	<i>A. Székely Nemzeti Múzeum Ertesítője.</i> Musée d'Histoire Locale, Sfantu-Gheorghe, Romania.
<i>TAF</i>	<i>Corpus des trésors monétaires antiques de la France.</i> Paris, France.
<i>Taiyo</i>	<i>Taiyo</i> [The Sun]. Tokyo, Japan.
<i>TAMSJ</i>	<i>TAMS Journal. Official Organ of the Token and Medal Society.</i> Sepulveda, California, U.S.A.
<i>TatSlil</i>	<i>TatSlil</i> [The Chord]. <i>Forum for Music Research and Bibliography.</i> Music Library, Haifa, Israel.
<i>TCNRS</i>	<i>Transactions of the Canadian Numismatic Research Society.</i> Espanola, Ontario, Canada.
<i>Tel-Aviv</i>	<i>Tel-Aviv.</i> Tel-Aviv University, Institute of Archaeology, Israel.
<i>Telegrafo</i>	<i>El Telegrafo</i> Guayaquil, Ecuador.
<i>Terra Santa</i>	<i>Terra Santa.</i> Franciscan Printing Press, Jerusalem, Israel.
<i>Thessaloniki</i>	<i>Thessaloniki.</i> Thessalonica, Greece.
<i>Thraco-Dacica</i>	<i>Thraco-Dacica.</i> Academiei Republicii Socialiste Romania, Bucharest, Romania.
<i>Tibiscus</i>	<i>Tibiscus.</i> Muzeul Banatului, Timișoara, Romania.
<i>Tijdschr num</i>	<i>Tijdschrift voor numismatiek.</i> Brussels, Belgium.
<i>Tōkyō Bunka KenkyūKiyo</i>	<i>Tōkyō Bunka Kenkyūshu Kiyo</i> [Memoirs of the Institute for Oriental Culture]. University of Tokyo, Tokyo, Japan.
<i>TransB'hamWarwksArchSoc</i>	<i>Transactions of the Birmingham and Warwickshire Archaeological Society.</i> New title of <i>TransProcBir</i>

<i>TransBristol Gloucestershire ArchSoc</i>	<i>Transactions of the Bristol and Gloucestershire Archaeological Society</i> . Bristol, England.
<i>TransDumfriesshireGalloway NaturHistAntSoc</i>	<i>Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society</i> . Edinburgh, Scotland.
<i>TransEssexArchSoc</i>	<i>Transactions of the Essex Archaeological Society</i> . Colchester, England. See also <i>EssexArchHist</i> .
<i>TransLichSStaffsArchHistSoc</i>	<i>Transactions of the Lichfield and South Staffordshire Archaeological and Historical Society</i> . Bloxwich, England.
<i>TransLondonM'sexArchSoc</i>	<i>Transactions of the London and Middlesex Archaeological Society</i> . London, England.
<i>TransShropArchSoc</i>	<i>Transactions of the Shropshire Archaeological Society</i> . Shrewsbury, England.
<i>TransSStaffsArchHistSoc</i>	Formerly <i>TransLichSStaffsArchHistSoc</i> .
<i>TransThorotonSocNotts</i>	<i>Transactions of the Thoroton Society of Nottinghamshire</i> . Nottingham, England.
<i>TransWoolhope Naturalists</i>	<i>Transactions of the Woolhope Naturalists' Field Club</i> . Hereford, England.
<i>TransWorcsArchSoc</i>	<i>Transactions of the Worcestershire Archaeological Society</i> . Worcester, England.
<i>Trésors monétaires</i>	<i>Trésors monétaires</i> . Bibliothèque nationale, Paris, France.
<i>Trierer ZGeschKunst</i>	<i>Trierer Zeitschrift für Geschichte und Kunst des Trierer Landes und seiner Nachbargebiete</i> . Rheinisches Landesmuseum, Trier, W. Germany.
<i>TrudyANTadzh</i>	<i>Trudy</i> . Akademiia Nauk Tadzhikskoi SSR, Stalinabad, U.S.S.R.
<i>Trudy GErmitazh</i>	<i>Trudy Gosudarstvennogo Ermitazha</i> . Leningrad, U.S.S.R.
<i>Trudy Ist-KraevMuzMold</i>	<i>Trudy Istoriko-Kraevedcheskogo Muzeia Moldavskoi SSR</i> . Kishinev, U.S.S.R.
<i>TTT</i>	<i>Trade Token Topics</i> . Merchant Token Collectors Association, Richmond Beach, Washington, U.S.A.
<i>T'ungPao</i>	<i>T'ungPao</i> . Society for Oriental Numismatics, Iowa City, Iowa, U.S.A.
<i>Tvorchestvo</i>	<i>Tvorchestvo</i> . Soŭuz Khudozhnikov SSSR, Moscow, U.S.S.R.
<i>Udine</i>	<i>Udine, Bollettino delle Civiche Istituzioni Culturali</i> . Udine, Italy.
<i>UkrIstZhurnal</i>	<i>Ukrainskyi Istorichnyi Zhurnal</i> . Akademiia Nauk URSR, Instytut Istorii/Komunistychna Partii Ukrainy, Instytut Istorii, Kiev, U.S.S.R.
<i>Ulster JArch</i>	<i>Ulster Journal of Archaeology</i> . Belfast, Northern Ireland.

<i>Unsere Heimat</i>	<i>Unsere Heimat.</i> Verein für Landeskunde von Niederösterreich und Wien, Vienna, Austria.
<i>USNatMusBull</i>	<i>United States National Museum Bulletin.</i> Washington, D.C., U.S.A.
<i>Valachica</i>	<i>ActaValachica. Studii și Materiale de Istorie a Culturii.</i> Muzeul Județean Dimbovița, Tirgoviște, Romania.
<i>VaNum</i>	<i>The Virginia Numismatist.</i> Virginia Numismatic Association, Hampton, Virginia, U.S.A.
<i>Vasi Szemle</i>	<i>Vasi Szemle.</i> Savaria Muzeum, Szombathely, Hungary.
<i>VDI</i>	<i>Vestnik Drevnei Istorii (Revue d'Histoire Ancienne).</i> Moscow, U.S.S.R.
<i>Vecherni Novini</i>	<i>Vecherni Novini.</i> Sofia, Bulgaria.
<i>Vekove</i>	<i>Vekove.</i> Revue de la Société historique bulgare, Sofia, Bulgaria.
<i>VestGosMuzGruz</i>	<i>Vestnik Gosudartsvennogo Muzeia Gruzii imeni Akademika S. N. Dzhnashia.</i> Tiflis, U.S.S.R.
<i>VestIstMirovKul't</i>	<i>Vestnik Istorii Mirovoi Kult'ury.</i> Moscow, U.S.S.R.
<i>VestLatvPSRAkad</i>	<i>Vestis.</i> Latvijas Padomju Socialistikas Republikas zinatu Akademijs, Riga, U.S.S.R.
<i>VestMoscowU</i>	<i>Vestnik Moskovskogo Universiteta.</i> Moscow, U.S.S.R.
<i>VestOtdelObshchNauk Gruz</i>	<i>Vestnik.</i> See <i>Matsne.</i>
<i>VeszprémMegyeiMuzKözlem</i>	<i>Veszprém Megyei Muzeumok Közleményei.</i> Veszprém, Hungary.
<i>VI</i>	<i>Voprosy Istorii.</i> Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>VID</i>	<i>Vspomogatel'nye Istoricheskie Distipliny.</i> Akademiia Nauk SSSR, otdelenie istorii, arkheograficheskaja komissija, Leningradskoe otdelenie, Leningrad, U.S.S.R.
<i>Vie num</i>	<i>La Vie numismatique.</i> Alliance européenne de numismatique, Brussels, Belgium.
<i>14 Tage Göttingen</i>	<i>14 Tage Göttingen.</i> Göttingen, W. Germany.
<i>Vie Wallonne</i>	<i>La Vie Wallonne.</i> Revue mensuelle illustrée. Liège, Belgium.
<i>Vita Veronese</i>	<i>Vita Veronese.</i> Rivista mensile di cultura. Verona, Italy.
<i>Voenno-IstZhurnal</i>	<i>Voenno-Istoricheskiĭ Zhurnal.</i> Ministerstvo Oborony SSSR, Moscow, U.S.S.R.
<i>VÖstGeschichtsv</i>	<i>Veröffentlichen des Verbandes Österreichischer Geschichtsvereine.</i> Vienna, Austria.
<i>VolkstumLandschaft</i>	<i>Volkstum und Landschaft.</i> Heimatblätter der Münsterländische Tageszeitung. Clopenburg, W.

	Germany.
VV	<i>Vizantiiskii Vremennik</i> . Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
VznikPočátky Slov	<i>Vznik a Počátky Slovanů. Origine et Débuts des Slaves</i> . Československá Akademie Věd, Sekce Historická, Slovanský Ústav, Prague, Czechoslovakia.
Wavriensia	<i>Wavriensia. Bulletin du Cercle Historique et Archéologique de Wavre et de la Région</i> . Wavre, Belgium.
WCN	<i>World Coin News</i> . Iola, Wisconsin, U.S.A.
WCoins	<i>World Coins</i> . Sidney, Ohio, U.S.A.
Wenwu	<i>Wen Wu</i> [Cultural Relics]. Beijing, People's Republic of China.
Westfalenspiegel	<i>Westfalenspiegel</i> . Westfälischer Heimatbund, Dortmund, W. Germany.
WG	<i>Wetterauer Geschichtsblätter</i> . Bindernagelsche Buchhandlung, Friedberg, W. Germany.
WienZKunde SüdOstasiens	<i>Wiener Zeitschrift für die Kunde Süd- und Ostasiens und Archiv für Indische Philosophie</i> . Indologische Institut, Universität Wien, Vienna, Austria.
Wiltshire ArchMag	<i>Wiltshire Archaeological Magazine</i> . Wiltshire Archaeological Society, Devizes, England.
Winterthur Jb	<i>Winterthur Jahrbuch</i> . Winterthur, Switzerland.
WN	<i>Wiadomości Numizmatyczne</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
WNJ	<i>Whitman Numismatic Journal</i> . Racine, Wisconsin, U.S.A.
WroclZapNum	<i>Wrocławskie Zapiski Numizmatyczne</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział Wrocławski, Sekcja Numizmatyczna, Wrocław, Poland.
WZeitschriftFSUnivJena	<i>Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena</i> . Jena, East Germany.
YN	<i>The Young Numismatist</i> . American Numismatic Association, Colorado Springs, Colorado, U.S.A.
Yokohama Shodai Ronshu	<i>Yokohama Shodai Ronshu</i> [Review of Yokohama Commercial College]. Yokohama, Japan.
Yorkshire ArchJ	<i>Yorkshire Archaeological Journal</i> . Yorkshire Archaeological Society, London, England.
ZapOdessArkObshch	<i>Zapiski</i> . Odesskoe Arkheologicheskoe Obshchestvo, Odessa, U.S.S.R.
ZborArheolMuz	<i>Zbornik na Arheološkiot Muzej</i> . Skopje, Yugoslavia.
ZborMuzPrimenjene Umet	<i>Zbornik</i> . Muzej Primenjene Umetnosti, Belgrade, Yugoslavia.

<i>ZborNarodMuzBeogradu</i>	<i>Zbornik Narodnog Muzeja u Beogradu.</i> Belgrade, Yugoslavia.
<i>ZborSlovNarodMuz</i>	<i>Zborník Slovenského Národného Muzea.</i> Bratislava, Czechoslovakia.
<i>ZCzgst</i>	<i>Ziemia Częstochowska.</i> Towarzystwo Popierania Kultury Regionalnej, Częstochowa, Poland.
<i>ZDMG</i>	<i>Zeitschrift der Deutschen Morgenländischen Gesellschaft.</i> Wiesbaden, W. Germany.
<i>ZeitAachenGeschichts</i>	<i>Zeitschrift des Aachener Geschichtsvereins.</i> Verlag des Aachener Geschichtsvereins, Aachen, West Germany.
<i>Zephyrus</i>	<i>Zephyrus. Cronica del Seminario de Arqueología y de la Sección Arqueológica del Centro de Estudios Salmantinos.</i> Salamanca Universidad, Facultad de Filosofía y Letras, Salamanca, Spain.
<i>ZesMuzZKłodzkiej</i>	<i>Zeszyty Muzeum Ziemi Kłodzkiej.</i> Kłodzko Land Museum, Kłodzko, Poland.
<i>ZfN</i>	<i>Zeitschrift für Numismatik.</i> Berlin, W. Germany.
<i>ZGeschOberrhein</i>	<i>Zeitschrift für die Geschichte des Oberrheins.</i> Karlsruhe/Heidelberg, W. Germany.
<i>ZGeschSaar</i>	<i>Zeitschrift für die Geschichte der Saarregion.</i> Historischer Verein für die Saarregion, E. V., Saarbrücken, W. Germany.
<i>ZGeschMülheim</i>	<i>Zeitschrift des Geschichtsvereins Mülheim an der Ruhr.</i> Mülheim, W. Germany.
<i>Ziridava</i>	<i>Ziridava.</i> Muzeul Județean, Arad, Romania.
<i>ZPE</i>	<i>Zeitschrift für Papyrologie und Epigraphik.</i> Bonn, W. Germany.
<i>ZSchlesHolstGesch</i>	<i>Zeitschrift.</i> Gesellschaft für Schleswig-Holsteinische Geschichte, Kiel, W. Germany.
<i>ZSchweizArchKunstgesch</i>	<i>Zeitschrift für Schweizerische Archäologie und Kunstgeschichte.</i> Schweizerisches Landesmuseum, Zürich, Switzerland.
<i>Zvaigznoda Debess</i>	<i>Zvaigznoda Debess [The Stellar Sky].</i> Latvijas Padomju Socialistikas Republikas zinatu Akademija, Astrofizikas Laboratorija, Riga, U.S.S.R.
<i>ZVerHessische Gesch</i>	<i>Zeitschrift des Vereins für Hessische Geschichte und Landeskunde.</i> Kassel, W. Germany.
<i>ZVerLubGeschAltertums</i>	<i>Zeitschrift des Vereins für Lübeckische Geschichte und Altertumskunde.</i> Max Schmidt-Römhöld, Lübeck, W. Germany.

GENERAL

1 ARSLAN, ERMANNIO A. Monete. In *Scavi di Monte Barro, comune di Galbiate-Como (1986-87)*. Edited by E.A. Arslan, M. Bolla, G.P. Brogiolo and others. *Archeologia medievale* Vol. 15 (1988) (Florence, All'insegna del Giglio 1989) pp. 226-236 illus.

The author publishes 13 Roman and Ostrogothic coins (2 illegible) from the excavations of a building of Monte Barro (Como). The coinage ranges from Aurelian (270-275) to Witigius (536-540).
(Andrea Carignani)

2 BRUNK, GREGORY G. *Merchant Countermarks on World Coins*. (Rockford, IL, World Exonumia Press 1989) 157 pp. illus. ISBN 0-912317-11-6.

About a thousand merchant counterstamps on various numismatic matrices are identified and catalogued.
(Joseph E. Boling)

3 CAMPBELL, I.G.C. A New Typeface. *NI* Vol. 21 No. 8 (Aug. 1987) pp. 192-193 illus.

A font for works on Greek, Roman and medieval coins is discussed and illustrated.
(Joseph Uphoff)

4 CANALI, LUIGI. Le monete. *Archeologia medievale a Bologna. Gli scavi nel convento di S. Domenico*. Catalogo della Mostra, 4 aprile-31 maggio 1987. Edited by S. Gelichi and R. Merlo. (Bologna, Grafis edizioni 1987) pp. 213-215 illus.

The author publishes a catalogue of 19 coins found in the excavation of the convent of S. Domenico in Bologna. A sestertius of Commodus, a series of medieval coins struck in different Italian mints and 2 workshops of Benedetto XIV (1740-1758) are discussed.
(Andrea Carignani)

5 CIAMPOLTRINI, GIULIO and RENDINI, PAOLOA. L'Agro Cosano fra tarda antichità e alto medioevo: segnalazioni e contributi. *Archeologia*

medievale Vol. 15 (1988) (Florence, All'insegna del Giglio 1989) pp. 519-534 illus.

The author discusses the composition of two hoards from the area of Ager Cosanus: the hoard of Camporegio, dating from the middle of the 5th century AD with bronze coins of Arcadius, Honorius, Valentinian III and possibly Theodosius II, discovered in 1913; the hoard of Orbetello-Marsiliana, discovered in the 17th century and then dispersed, comprising at least a gold coin of Anthemius. (Andrea Carignani)

6 DAVITE, CHIARA. Scavi e ricognizioni nel sito tardoantico rurale di Gronda (Luscignano, Massa Carrara). *Archeologia medievale* Vol. 15 (1988) (Florence, All'insegna del Giglio 1989) pp. 397-406.

Two bronze imperial coins (one of Philip the Arab) and a silver denarius of Otto II of Saxony (957-983) were the numismatic finds in the excavation of Gronda near Luscignano (Massa Carrara). (Andrea Carignani)

7 ENGELMANN, DIETER. Der Berliner Münzmeister Michael Aschenbrenner (1549-1605). Untersuchung zu seiner Persönlichkeit anhand eines Rechenpfennigs von 1589 der Berliner Prägestätte. *NH* No. 48 (Berlin 1989) pp. 17-21.

The author discusses the Berlin mintmaster Michael Aschenbrenner.

(Paul Arnold)

8 FERRETTI, F. and MURIALDO, G. Il "castrum" tardoantico di S. Antonio di Perti, Finale Ligure (Savona): fasi stratigrafiche e reperti dell'area D. Seconde notizie preliminari sulle campagne di scavo 1982-1987. Edited by E. Bonora, C. Falcetti and others. *Archeologia medievale* Vol. 15 (1988) (Florence, All'insegna del Giglio 1989) pp. 379-380.

The authors publish 6 coins from the excavation of a late antique castrum excavated near Finale Ligure (Savona). They discuss 3 bronze imperial coins from the second half of the 4th century AD (Constantius II, Magnentius, Gratianus), two silver Byzantine coins of Heraclius (610-641) and a medieval denarius of Henry III of Franconia (end of the 11th century-12th century). (Andrea Carignani)

9 FRERE, HUBERT. La grande pitié de la numismatique. *Vie num* Vol. 39 No. 1 (Jan. 1989) pp. 28-29.

The author describes the situation of numismatic research and numismatic institutions in Belgium. (Johan van Heesch)

10 GANZ, DAVID L. *The World of Coins and Coin Collecting*. Revised edition. (New York, Charles Scribner's Sons, 1985) 280 pp. illus.

11 Georg Galster. A 100 Years' Celebration of his Birth. *NNUM* No. 5 Special Issue (1989) pp. 90-114 illus.

This richly illustrated special issue of the *NNUM* is devoted to the memory of

Georg Galster (1889-1983). It contains an account of his life and career by Jørgen Steen Jensen, personal recollections by Ulla Westermarck and Anne Kromann and his bibliography 1916-84. (Ulla Westermarck)

12 GRINDER-HANSEN, KELD. Penge til Faergemanden? Mønter i dødekulten [The Ferryman's Fee: Coins and Death-Rites]. *Nationalmuseets Arbejdsmark* (1988) pp. 115-126 illus. In Danish; English summary.

In this well-illustrated article the author surveys the use of Charon's fee from antiquity to the present. (Ulla Westermarck)

13 HÉBERT, R.J. Snake-Foot and the Word of Power. An Anguipede Amulet. *NI* Vol. 22 No. 7 (July 1988) pp. 161-166 illus.

A discussion of ancient amulets utilizing the Anguipede, a snake-legged person, is presented. (Joseph Uphoff)

14 JENSEN, JØRGEN STEEN. Museumsinspektør Kirsten Bendixen fylder 65. *NNUM* Vol. 4 (1989) pp. 58-65 illus. In Danish.

An appraisal of Kirsten Bendixen's career in connection with her 65th birthday is followed by her bibliography 1960-89, compiled by the author and Else Rasmussen. (Ulla Westermarck)

15 KLEIN, ULRICH. Die Erfassung der Fundmünzen aus Württemberg. Ein Aspekt der Arbeit im Münzkabinett des Württembergischen Landesmuseums Stuttgart. *Archäologie in Württemberg. Ergebnisse und Perspektiven archäologischer Forschung von der Altsteinzeit bis zur Neuzeit*. Edited by D. Planck. (Stuttgart, 1988) pp. 531-537 illus.

The interest of recording coin finds in Württemberg from its beginning to the present is surveyed. (Peter Ilisch)

16 LEONARD, JR., ROBERT D. A Numismatic Illustration of the Bible. *World Coins* Vol. 1 No. 12 (Dec. 1987) (Supplement to *CW*, 30 Dec. 1987) pp. 3-41 illus.

A popular survey of money of Biblical times is presented from the era of Abraham to the end of the New Testament. The first metal money is described, based on an analysis of 12 finds of precoinage silver of ca. 1400-587 BC from Israel, Syria, Egypt and northern Mesopotamia, plus 2 later groups from Egypt. The use of gold and silver is also discussed. It is suggested that the qesitah was a silver earring, based on find evidence, uniformity of size and weight and the order of mention in Job 42:11. The article concludes with mention of later Biblical reference coins, a select bibliography and a "numismatic Bible," coins illustrating most of the books of the Old and New Testaments. (Author)

17 MEYERS, E.M. and MEYERS, C. Sepphoris "Ornament of All Galilee." *BiblArch* Vol. 49 No. 1 (March 1986) pp. 4-19 illus.

The authors list and partially illustrate the 134 coins found during the first season of excavations of this Galilean site. The coins include issues from Ptolemy II to the Turkish period; however, the accent is on 4th century AD Roman coins.

(Arnold Spaer)

18 MIKOŁAJCZYK, ANDRZEJ. Muzea archeologiczne i wystawy numizmatyczne [Archaeological Museums and Numismatic Exhibitions]. *Metodyka oprowadzania wycieczek po wystawach muzealnych.* (Warsaw, 1989) pp. 110-122.

The archaeological and numismatic exhibitions in the museums are discussed with procedural instructions for the guides of tour excursions.

(Author)

19 MITREA, BUCUR. Découvertes monétaires en Roumanie. *Dacia* N.S. Vol. 31 (1987) and Vol. 32 (1988).

Greek, Macedonian, Dacian, Roman, Byzantine, medieval and modern coins—found or published either in 1987/88 or in the previous years—are mentioned in the chronicle of the coin discoveries in Romania.

(Constantin Preda)

20 OECONOMIDES, MANDO. To Nomismatiko Mouseio Athenon [Accessions to the Numismatic Museum of Athens]. *ADelt* Vol. 36 (1981, publ. 1989) pp. 2-3 illus.

Among the accessions (619 coins) to the Museum in 1981 the most important were: (1) the donation of Irene and Helen Kindini, which comprised 348 coins - most European of the 15th-18th centuries and 7 gold solidi of the late Roman period; (2) 17 bronze coins of Asia Minor, and (3) a gift of the late Stefanos Koumanoudis- 170 Roman, Byzantine and modern coins.

(Mando Oeconomides)

21 PAQUET, P. and DENGIS, J.L. Les fouilles de l'église abbatiale de Stavelot. *Vie num* Vol. 39 No. 1 (Jan. 1989) pp. 20-22.

A short inventory of the 20 medieval and modern coins found during the excavations of the church of the abbey of Stavelot (Liège, Belgium) is given.

(Johan van Heesch)

22 PINIŃSKI, JERZY. Kronika Działu Numizmatycznego Muzeum Archeologicznego i Etnograficznego w Łodzi za 1986 r. [Chronicle of the Numismatic Department of the Archaeological and Ethnographical Museum in Lodz in 1986]. *PracMat* No. 8 (1988, publ. 1989) pp. 167-169 illus.

The keeper reports on the Numismatic Department in 1986.

(Andrzej Mikołajczyk)

23 ROSSMAN, WILL. Silver art bars: the newest form of exnumia. *Num* Vol. 99 (Jan. 1986) pp. 31-36 illus.

24 ŠAFÁŘ, OLDŘICH. Neznámè mincovní nálezy z Náchoda a okolí

[The Unknown Coin Finds from Náchod and its Neighborhood]. *NS(Czech)* Vol. 18 (1989) pp. 213-215.

Several finds of Roman, medieval and modern coins unearthed in this region are discussed. (Z. Nemeškalová-Jiroudková)

25 SCHULZKI, HEINZ-JOACHIM. Das Kurpfälzische Münzkabinett am Mannheimer Hof Carl Theodors. *Mannheimer Berichte aus Forschung und Lehre* Vol. 33 (1988) pp. 31-42 illus.

Collecting ancient coins has had a long tradition in the court of the Palatine electors in Heidelberg, Dusseldorf and Mannheim from 16th to 18th century. The history of the Electoral Coin Cabinet—now part of the Staatliche Münzsammlung Munich—and its Numismatic Library are discussed in detail. (Author)

26 SILBERSTEIN TREVISANI, SUSANNA, Editor. Indici del Vol. 1-30 e dei supplementi, I-II. *AIIN* Vol. 31-35 (1988) 184 pp. and 188 pp.

Two volumes of completely analytical indices, by subject, of the first 30 years of the *Annali dell'Istituto Italiano di Numismatica* journal are published. (Andrea Carignani)

27 STRANGE, J., GROH, D.H. and LONGSTAFF, R.W. Notes and News - Excavations. *Sepphoris* (Sippori) (1988).

The authors discuss the coin finds from the excavation of this Galilean site. The coins are late Roman (4th century AD), Byzantine issues (5th-6th century AD) and early Arab (7th-8th century AD) types. (Arnold Spaer)

28 TALVIO, TUUKKA. *Rahan vuoksi. Suomen Numismaattinen Yhdistys 1914-1989* [The Finnish Numismatic Society 1914-1989]. (Helsinki, Suomen Numismaattinen Yhdistys 1989) 64 pp. illus. Swedish summary.

The Finnish Numismatic Society, founded in 1914, has ca. 700 members. (Author)

29 VAN LAERE, RAF. Le musée provincial de l'état à Tongres. *Vie num* Vol. 39 No. 1 (Jan. 1989) pp. 23-26.

The author presents a concise history of the coin collections in the provincial coin cabinet at Tongeren (Belgium). (Johan van Heesch)

30 VISONÀ, PAOLO. La circolazione monetaria. *Storia di Vicenza I. Il territorio. La preistoria. L'età romana, Neri*. Edited by A. Broglio and L. Cracco Ruggini. (Vicenza, Pozza 1987) pp. 189-204 illus.

On the basis of archaeological evidence furnished by the finds, the author reconstructs the history of the commercial exchanges and the dynamics of monetary circulation in the territory of Vicenza. The period taken into consideration extends from the first use of *aes rude* (7th century BC) to the Lombard age (8th century AD). In the appendix a list of monetary finds from funeral contexts (1st century BC-6th century AD) is given. (Andrea Carignani)

31 WAGNER, ROBERT. Die Sammlung des Abtes Nivardus Schlimbach und ihr Schicksal. *Mainfränkisches Jahrbuch für Geschichte und Kultur* Vol. 40 (1988) pp. 192-195 illus. ISSN 0076-2725.

The history of the numismatic collection of N. Schlimbach, abbot of Bildhausen (ca. 1812), began ca. 1776. After his death the collection was brought to Florence; efforts to buy it back or even to have access to the coins were futile. (*Peter Ilisch*)

32 WEILLER, RAYMOND. Le cabinet des médailles du musée d'histoire et d'art de Luxembourg. *Vie num* Vol. 39 No. 2 (Feb. 1989) pp. 39-47 illus.

The history of the coin department of the Museum of Art and History of the Grand-Duchy of Luxembourg is given. Some remarkable coins are illustrated.

(*Johan van Heesch*)

33 WIELOWIEJSKI, JERZY. Udział Józefa Nowalskiego w ratowaniu rzymskich monet na terenie Wiednia [Józef Nowalski's Contribution to Preservation of the Roman Coins in Vienna]. *WN* Vol. 31 (1987, publ. 1989) pp. 88-97. English summary.

Polish archaeologist J. Nowalski (1857-1928) living in Vienna took an active part in preservation of the Roman legionary camp and town of Vindobona. He founded the Museum Vindobonense and protected four hoards of Roman coins.

(*Andrzej Mikołajczyk*)

34 WOŁOCH, G.M. On Cataloguing the McGill University Collection of Greek and Roman Coins: A Progress Report. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers.* (Waterloo, Ontario 1984) pp. 296-297.

35 ZIMMERMANN, HANS-DIETER. Numismatische Forschungen in Halle während des 18. Jahrhunderts. *NumBeitr* Vol. 21 No. 4 (1988) pp. 151-156.

The author discusses the status of numismatics at the University of Halle in the 18th century.

(*Paul Arnold*)

TECHNOLOGY AND METHODOLOGY

36 BELLIER, S.P. Metallurgical Investigations on Ancient Coins. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers.* (Waterloo, Ontario 1984) pp. 289-291.

37 CANTO, A., CARDITOL, L. and MARTINEZ, C. La metrologie del Califato de Córdoba: les emisiones de plata de las cecas de al-Andalus y Medinet al-Zahra en el periodo 321-399 H/933-1008 AD. *GacNum* Vol. 94-95 (1989) pp. 41-54.

38 CHAKRAVARTY, BISWANATH. A Study in the Chemical Compositions of Copper-Based Yaudheya Coins. *JNSI* Vol. 49 (1987) pp. 148-152 illus.

Results of the chemical analysis of 9 cast Yaudheya coins are presented. All the coins had similar metallic composition. (Amiteshwar Jha)

39 CHATTERJEE, BHASKAR. Methodological Approaches to the Study of Kushana Coins. *JNSI* Vol. 49 (1987) pp. 163-169.

40 CHEN LIXIN. The Folk Art in Casting Cash of the Han Dynasty in Zhengzhou District. *China Numismatics* Vol. 4 (1989) pp. 16-24 illus.

From the mold of the cash of the Han Dynasty, excavated in Zhengzhou District, Henan Province, the technology and characteristics of the art of casting copper cash were analyzed.

41 GUPTA, P.L. Metrology of Jahangir's Gigantic Gold Coin. *NumDig* Vol. 12-13 (1988-89) pp. 110-116.

The gigantic gold coin of Jahangir, published by Bates and Falkiner (*NL* 123-310) was of 1000 *tolas* and not a piece of 1000 *muhar*. The term *muhar* was never used in Jahangir's time as a denominational name; in his time the weights of the coins were expressed in *tola*. Evidence from contemporary chronicles is brought forth in support. (Amiteshwar Jha)

42 HODDER, MICHAEL. The Usefulness of X-Ray Diffraction in Numismatic Analysis. *ColN* Vol. 29 No. 1 (April 1989) pp. 1075-1079 illus.

The application of Laue back-scatter x-ray diffraction techniques for determining the surface crystallography of early American copper coins is discussed. The results of testing 15 specimens are detailed, together with the findings of EDM x-ray fluorescence analysis. The appropriateness of these tests for authentication is outlined. (Author)

43 IANNUCCI, ANNA MARIA. Un nuovo sistema espositivo nel Museo Nazionale di Ravenna: il contenitore per monete. *AIIN* Vol. 36 (1989) pp. 224-226.

The author presents a new container-safe adopted for the display of numismatic material of the Museo Nazionale of Ravenna. The new structure seems to satisfy both the necessary and practical security as well as the reading and change of the coinage. (Andrea Carignani)

44 MAO ZHENWEI. The X-ray Fluorescent Spectrum Sampling for

Testing the Property of Ancient Coins without Damage. *China Numismatics* Vol. 4 (1989) pp. 32-36. In Chinese.

The author of this paper has tested the property of the cash of the T'ang and Song Dynasties without damaging the cash by a method of combining the test of x-ray strength on a small flat area and the theoretical calculation of their basic parameters.

45 MARTINI, R. Note metrologiche sulle emissioni bronzee di Sextus Pompeius Acunadas en Hispania. *GacNum* Vol. 94-95 (1989) pp. 23-29

46 NATKAŃSKI, KAROL E. Nie tylko srebro Miklagardu [Not Only the Silver of Miklagard]. *Wętkory* No. 9 (Sept. 1987) pp. 55-57.

In 1983 the Swedish-Polish expedition sailed on the replica of the Viking ship *Kamp-macken* from Gotland to the mouth of Vistula, and then up the rivers of Vistula and Bug in order to test the old commercial route linking Scandinavia with the Slav area. The Soviets stopped the sailors on their frontiers. (Andrzej Mikołajczyk)

47 NECCI, MAURIZIO. Monete e fotografia: appunti su una sperimentazione. *AIVN* Vol. 36 (1989) pp. 217-223 illus.

The author illustrates several experiments in the photographic documentation of the numismatic material. In particular, the author explains the advantages derived from the adoption of a new technique of illumination which consists of projecting of beam of light parallel to the axis of the object in order to eliminate all shadow and guarantee a clear reading of the piece. (Andrea Carignani)

48 NĚMEČEK, JAN and NĚMEČKOVÁ, VĚRA. Třídění mincí pomocí programovatelného kalkulátoru [The Classification of Coins with the Help of Computers]. *NS(Czech)* Vol. 18 (1989) pp. 185-196 illus. German summary.

The authors explain two programs of the classification of Prague groats on the Texas Instrument TI-578. (Z. Nemeškalová-Jiroudková)

49 PELLICER I BRU, J. Insistiendo sobre el cambio 1:12 de "proporcione auri ed argentum". *GacNum* Vol. 93 (1989) pp. 13-15.

50 PELLICER I BRU, J. Puntualizaciones sobre equivalencias monetarias de las fuentes Andalusí: consideraciones cronológicas y metrológicas. *GacNum* Vol. 94-95 (1989) pp. 89-101.

51 PELLICER I BRU, J. Reflexiones y metodización paramétrica sobre numismática y metrología protobizantina-Diocleciano. *GacNum* Vol. 93 (1989) pp. 1-2.

52 VILLARONGA, L. Metrologia de las fraccionàries anteriors a les dracmes. Segle IV a.C. *GacNum* Vol. 94-95 (1989) pp. 17-22.

The 4th century coinage may be divided into two groups: (1) 0.945 g. and (2) 0.74/0.77 g. The first is 1/5 and the second is 1/6 of the later drachms of Rhodes and Emporion. (Author)

GREEK

53 ARNOLD-BIUCCHI, C., BEER-TOBEY, L. and WAGGONER, N.M. A Greek Archaic Silver Hoard from Selinus. *ANSMN* Vol. 33 (1988) pp. 1-35 illus.

The earlier mixed hoard in Sicily, containing 165 coins from eight different mints (Metapontum, Poseidonia, Sybaris, Himera, Selinus, Abdera, Aegina and Corinth) and uncoined silver, buried ca. 510 BC, is published. For the first time, a hoard provides evidence not only of the importation of South Italian coins into Sicily, but also of Aeginetan and Corinthian currency as well. (C. Arnold-Biucchi)

54 ARNOLD-BIUCCHI, C. La monetazione d'argento d'Himera classica. *NumAntCl* Vol. 17 (1988) pp. 85-100 illus.

A reexamination of the tetradrachms and a revision of Gutmann/Schwabacher's classification and dating of these issues (with the addition of new unpublished specimens) are published. (Author)

55 ASHTON, RICHARD H.J. Rhodian-type silver coinages from Crete. *SM* Vol. 146 (May 1987) pp. 29-39.

The author lists 9 Rhodian-type silver issues, and argues that they were struck ca. 200 BC by Rhodian commanders on Crete in order to pay Cretan mercenaries. A tenth silver issue with Rhodian types is attributed to a local Cretan authority. (Author)

56 BOGAERT, ROBERT. Recherches sur la banque en Egypte gréco-romaine. *Histoire économique de l'Antiquité. Bilans et contributions de savants belges présentés dans une réunion interuniversitaire à Anvers/Antwerpen, Universitaire Fakulteiten Sint-Ignatius*. Edited by Tony Hackens and Patrick Marchetti. Université catholique de Louvain. Institut supérieur d'archéologie et d'histoire de l'art. Document de travail No. 22 (Louvain-la-Neuve, 1987) pp. 49-77.

The author gives a detailed summary of 12 previously published articles on banking in Ptolemaic and Roman Egypt. The following topics are treated: the beginning of banking in Ptolemaic Egypt, the different types and the nature of Ptolemaic banks, banking activities in Thebes and some banking operations as loans and the use of checks. (Johan van Heesch)

57 BOON, GEORGE C. Towards a numismatic history of the kingdom of Serendip. *SCMB* No. 839 (April 1989) pp. 73-74.

A reference to the use of copper coins of Alexander the Great as amulets in ancient Antioch is discussed. (Edward Besly)

58 BUTTREY, T.V. Seldom What They Seem—The Case of the Athenian Tetradrachm. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers.* (Waterloo, Ontario 1984) pp. 292-294.

59 CANCIO, L. The Rosen Collection of Archaic Greek Coins. *NI* Vol. 22 No. 9 (Sept. 1988) pp. 222-223.

A discussion of the problems and solution presented while cataloguing this collection is presented. (Joseph Uphoff)

60 CANTILENA, RENATA. Le monete. *Ricerche archeologiche a Napoli. Lo scavo in Largo S. Aniello (1982-1983).* Edited by A.M. D'Onofrio, B. D'Agostino. (Naples, Istituto Universitario Orientale, Ed., 1987) pp. 35, 79, 143, 178 illus.

Brief and summary information concerning the monetary finds in the ancient center of Naples, and in the subsequent excavation of S. Aniello. (Sara Sorda)

61 CLAYTON, PETER A. The Pharos at Alexandria. *The Seven Wonders of the Ancient World.* Edited by Peter Clayton and Martin Price (London and New York, Routledge 1988) pp. 138-157 illus.

62 CULICA, VASILE. Imitația unui bronz emis de Maroneea găsită la nordul Dunării de jos [The Imitation of a Bronze Issued to Maroneea found at the North of the Lower Danube]. *SCN* Vol. 9 (1989) pp. 109-111 illus. French summary.

In Dichiseni, Călărași county (Walachia) was discovered an imitation of bronze issued to Maroneea in the first half of the 4th century BC. The coin was type A, *Catalogue of the Greek Coins in the British Museum* (1877) p. 129, no. 66-67.

(Constantin Preda)

63 CUTRONI TUSA, ALDINA. Il ruolo di Selinunte agli inizi della monetazione in Sicilia. *Sicilia archeologica* Vol. 15 (Trapani, EPT Trapani ed., 1982) pp. 49-50.

Based on the examination of weight and technical aspects of the first issues of Selinus, the author defines the role of the city in the beginning of Sicilian coinage in the second half of the 6th century BC. (Andrea Carignani)

64 FORABOSCHI, DANIELE. Monetazione arcaica e costituzione di Atene. *AIIN* Vol. 36 (1989) pp. 67-82.

By means of the cultural, religious, political and economic developments of the Pisistratids, the author discusses the reasons behind the origin of Athenian coinage.

(Andrea Carignani)

65 GHERGHE, PETRE. Repertoriul arheologic pentru epoca geto-dacică din jud. Gorj [The Archaeological Repertory for the Geto-Dacian Epoch in the Gorj County]. *Litua* Vol. 3 (Tîrgu Jiu, 1986) pp. 93-110.

In various villages from Gorj county (Oltenia) Geto-Dacian coins, tetradrachms of Thasos and Roman Republican denarii were discovered. (Constantin Preda)

66 HACKENS, TONY. Le rapport de la numismatique à l'histoire économique. *Histoire économique de l'Antiquité. Bilans et contributions de savants belges présentés dans une réunion interuniversitaire à Anvers/Antwerpen, Universitaire Fakulteiten Sint-Ignatius*. Edited by Tony Hackens and Patrick Marchetti. Université catholique de Louvain. Institut supérieur d'Archéologie et d'histoire de l'art. Document de travail No. 22 (Louvain-la-Neuve, 1987) pp. 151-169.

The author formulates some general considerations on the volume and the frequency of coin production, the monetary circulation and the use of coins in the Greek world. (Johan van Heesch)

67 HÉBERT, R.J. Apollo and the Persian Sphinx. *NI* Vol. 22 No. 3 (March 1988) pp. 54-55 illus.

Coins with obverse Apollo and reverse Sphinx are discussed and illustrated. (Joseph Uphoff)

68 HIGGINS, REYNOLD. The Colossus of Rhodes. *The Seven Wonders of the Ancient World*. Edited by Peter Clayton and Martin Price (London and New York, Routledge 1988) pp. 124-137.

69 HOLT, FRANK. The So-Called "Pedigree Coins" of the Bactrian Greeks. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers*. (Waterloo, Ontario 1984) pp. 69-91.

70 HOUGHTON, ARTHUR and BENDALL, SIMON. A Hoard of Aegean Tetradrachms and the Autonomous Tetradrachms of Elaeusa Sebaste. *ANSMN* No. 33 (1988) pp. 71-89 illus.

A new hoard of principally Aegean tetradrachms is the starting point for a reexamination of the chronology of this series, and the confirmation of Mørkholm's contention (*ANSMN* No. 32, pp. 57-60) that they are dated in accordance with the Caesarian era, which began at Aegeae in 47 BC. The article also reviews the currency systems of the eastern Mediterranean during the first century BC, and includes a note on the dates of the four known autonomous tetradrachms of Elaeusa Sebaste, issued between ca. 94 and 83 BC, when Tigranes extinguished the city's independence. (Author)

71 HOUGHTON, ARTHUR and MOORE, WAYNE. Five Seleucid Notes. *ANSMN* No. 33 (1988) pp. 55-69 illus.

The authors discuss new northeastern Seleucid coins of Seleucus I and Antiochus I, and issues of Mints X and Y (*ANSMN* No. 29, pp. 1-9) of Antiochus I; die-linked drachms of Demetrius II, first reign, struck in Cilicia; units of the "divine couple"

series of Demetrius II at Nisibis (following Moore's attribution of this group in *ANSMN* No. 31, pp. 125-143); a tetradrachm issue of Antiochus VII, struck in Cilicia at a mint with connections to both Tarsus and Soli; and a unique tetradrachm of Seleucus VI, with the reverse type of a standing goddess with a tiller and an aplustre symbol, struck at Elaeusa Sebaste (Cilicia) as a final Seleucid issue of this city.

(Author)

72 HOUGHTON, ARTHUR. The Royal Seleucid Mint of Seleucia on the Calycadnus. *Kraay-Mørholm Essays* (1989) pp. 77-98 illus.

On the basis of bronze city coins of Seleucia with the symbol of a five-lobed leaf or plant, the author affirms the attributions to this city of Seleucid issues with the same symbol, and reviews the production of Seleucia's royal silver from the reign of Antiochus III, (reigned at Seleucia 197-189 BC) through that of Seleucus VI (d. 94 BC). The article includes new coins of all kings who reigned at Seleucia; *WSM* 1330-1, attributed by Newell to this city, are given to another Cilician mint. From the surprisingly prolific coinage of Seleucus VI, the author proposes a redating of the death of Antiochus VIII (and thus the beginning of Antiochus IX's final reign at Antioch), and Seleucus VI's assumption of royal authority in Cilicia, to 98 or 97 BC.

(Author)

73 ILIESCU, OCTAVIAN. Inseamnări privitoare la faza târzie a monetăriei geto-dacice. Tezaurul de la Crevedia. [Notes Regarding the Late Phase of Geto-Dacian Coinage. The Hoard from Crevedia]. *SCN* Vol. 9 (1989) pp. 23-27 illus. French summary.

In Crevedia (north of Bucharest) a hoard of 207 Geto-Dacian silver coins, Verteju type, was discovered. These coins are late imitations of the tetradrachms of Philip II. Their weights are between 6.50 and 7.50 g and coins belong to the last decades of the 2nd century and the beginning of the 1st century BC. (Constantin Preda)

74 KUČEROVSKÁ, TAĚÁNA. Archeologické nálezy k vývoji peněžní směny ve velkomoravské říši [Archaeological Documents to the Development of the Coin Exchange in the Great Moravia]. *NS(Czech)* Vol. 18 (1989) pp. 19-54 illus. German summary.

The description of the axe-shaped iron bars discovered during the archaeological excavation in Mikulčice in the years 1955-1975. (Z. Nemeškalová-Jiroudková)

75 KURZ, KAREL. Die Anfänge des Münzgeldes im Altertum [The Earliest Beginnings of Coin Forms of Money in Antiquity]. *Eirene* Vol. 25 (1988) pp. 69-77.

The use and function of means of payment before the inception of coins. Economic and social presumptions giving rise to the coin form of money.

(Z. Nemeškalová-Jiroudková)

76 KUTCHER, R.P. Greek Imperials. *NI* Vol. 23 No. 1 (Jan. 1989) pp. 13-15 illus.

A brief summary of the history of these issues is presented. (Joseph Uphoff)

77 LE RIDER, GEORGES. L'enfant-roi Antiochos et la reine Laodice. *BCH* Vol. 110 (1986) pp. 409-417 illus.

The author discusses coin no. 91 published in Arthur Houghton's *Coins of the Seleucid Empire* (1983). (Candace Carter)

78 MANGIERI, GIUSEPPE LIBERO. *Velia and its Coinage*. (Lugano, Edizioni arte e moneta 1986) 33 pp. illus.

79 MARCHETTI, PATRICK. Quelques réflexions sur les équivalences entre l'or et l'argent. *Histoire économique de l'Antiquité. Bilans et contributions de savants belges présentés dans une réunion interuniversitaire à Anvers/Antwerpen, Universitaire Fakulteiten Sint-Ignatius*. Edited by Tony Hackens and Patrick Marchetti. Université catholique de Louvain. Institut supérieur d'Archéologique et d'histoire de l'art. Document de travail No. 22 (Louvain-la-Neuve, 1987) pp. 135-150.

The author discusses the gold-silver ratio of ancient Greek coins. The following sources are used and discussed: the accounts of Delphi from before the Third Sacred War, an inscription of Thebes concerning the payments made by several cities to the Boeotians during the Third Sacred War and an inventory of the offerings of gold crowns by the city of Athens. (Johan van Heesch)

80 MARTINI, RODOLFO, Editor. *Sylloge Nummorum Graecorum Italia. Cyrenaica Mauretania*. (Milan, Civiche Raccolte Numismatiche di Milano, Ed. 1989) 196 pp. illus.

The author publishes the numismatic material struck in the mints of Cyrenaica, Syrtica and Zeugitania in the Punic, Greek and Roman periods, kept in the Civiche Raccolte Numismatiche of Milan. (Andrea Carignani)

81 MIELCZAREK, MARIUSZ. Two Imitations of Eucratides' obols from the Museum Collection in Łódź. *WNV* Vol. 31 (1987, publ. 1989) pp. 48-51 illus. Polish summary.

Two imitative Bactrian obols in the collection of the Archaeological and Ethnographical Museum in Łódź date back to the late 2nd century BC and to the 1st/2nd century AD, respectively. (Andrzej Mikołajczyk)

82 MIELCZAREK, MARIUSZ. Znaleźisko tetradrachmy Tazos lub jej wczesnego naśladownictwa z Chęciny, woj. Kieleckie [The Find of the Thasos Tetradrachm or its Early Imitation from Chęciny, Prov. Kielce]. *WNV* Vol. 31 (1987, publ. 1989) pp. 39-47 illus. English summary.

The Thasos tetradrachm, found in 1952 on the slope of Castle Hill at Chęciny, Little Poland, is discussed in a context of other similar finds from Poland and Czechoslovakia. (Andrzej Mikołajczyk)

83 MIHAILESCU-BIRLIBA, VIRGIL. Circulația monetară în Dacia răsăriteană în sec. V-I î.e.n. [Monetary Circulation in East Dacia in the 5th-1st Centuries BC]. *Symposia Thracologica* Vol. 6 (1988) p. 105.

In Moldavia there are recorded more than 260 Greek, Macedonian and Dacian coin discoveries and 120 Roman Republican denarii discoveries. All these show the relationship between the Geto-Dacian and the Greek-Roman worlds.

(Constantin Preda)

84 MITREA, BUCUR. Monedele descoperite în dava de la Poiana [Coins Discovered in Poiana dava (Fortress)]. *Symposia Thracologica* Vol. 6 (1988) pp. 106-107.

The relationship between Geto-Dacian from the site of Poiana (Galati county, Moldavia) and the Greeks followed by the Romans are revealed by the discovery of coins issued to Histria and Callatis and also by some Roman Republican denarii hoards.

(Constantin Preda)

85 MITREA, BUCUR and BUZDUGAN, CONSTANTIN. Tezaurul de la Fedestî, Moldova [The Hoard from Fedestî, Moldavia]. *SCN* Vol. 9 (1989) pp. 11-12 illus. French summary.

In 1984 a hoard consisting of 273 bronzes issued by Histria in the latter half of the 4th century BC was discovered. All are type B, Pick, 458-461, having on the obverse the head of Apollo and on the reverse the eagle on the dolphin, the name of the town and a series of monograms. The hoard seems to relate to stipends that Histria paid to a Geto-Dacian basilei from the east of the Carpathian mountains.

(Constantin Preda)

86 MOREL, JEAN PAUL. Remarques sur l'art et l'artisan de Naples antique. *Neapolis*. Atti del venticinquesimo convegno di studi sulla Magna Graecia. Taranto, 3-7 ottobre 1985, Istituto per la Storia e l'Archeologia della Magna Grecia. (Taranto 1986, publ. 1988) pp. 303-356.

In the orbit of a far-reaching treatment of artist and artisan production and the subsequent trade of the manufactured products in ancient Naples, the author develops several considerations concerning the coinage of the city. In particular, the problem of the late appearance of coinage in Neapolis, with respect to the issues of other cities in Sicily and Magna Graecia and the interaction and the exchanges between the coinage of Neapolis and the beginning Roman coins in the last quarter of the 4th century BC. In the appendix remarks concerning the final aspect are given by N.F. Parise.

(Andrea Carignani)

87 MØRKHOLM, OTTO. The Monetary System in the Seleucid Empire After 187 B.C. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers*. (Waterloo, Ontario 1984) pp. 93-113.

88 NICOLET-PIERRE, HÉLÈNE. Etranges parentes ioniennes. *BSFN* Vol. 42 No. 3 (March 1987) pp. 165-168 illus.

89 OCHESEANU, RADU. Pondurile unciale din Tomis. Incercare de clasificare tipologică și interpretare statistică [Unicial System Weights in Tomis. Attempt for a Typological Classification and a Statistical Interpretation]. *SCN* Vol. 9 (1989) pp. 89-103. French summary.

The uncial system weights of Tomis are analyzed from typological form, style, inscriptions and symbols viewpoint, establishing four series of issues. The statistics prove that the technology was sufficient to maintain the precision in satisfactory limits.
(Constantin Preda)

90 OECONOMIDES, M. and TOURATSOGLU, I. Study of Ancient Greek Copper-Coins by PIXE. *Archaeometry* (Amsterdam, Elsevier 1989) p. 347.

Ancient copper coins from the Greek cities Nicopolis in Epirus and Thessaloniki in Macedonia, minted during Roman Imperial times (31 BC-AD 268), have been analyzed non-destructively by PIXE. The coins covered practically the whole production period of each mint. Eleven elements (five major and six minor) have been detected and determined quantitatively. The coins were analyzed before and after removal of the patina. From the results obtained so far, significant variations were observed in the composition of the coins from emperor to emperor and from city to city. This study aims to examine the economic life of these two cities under the Roman occupation, covering the period from Augustus to Gallienus. (Authors)

91 PUJOL PUIGVEHI, ANNA. La circulación monetaria entre el Tordera y el Hérault. *La problemación preromana del extremo Nordeste Peninsular* (Consejo Superior de Investigaciones Científicas, 1989) pp. 241-360.

The author discusses Greek issues at Emporion and Rhodes.

(Leandre Villaronga)

92 RAPPAPORT, U. Ascalon and the Coinage of Judaea. *Studies in the History of the Jewish People and the Land of Israel*. Vol. 4 (University of Haifa, 1978) pp. 77-88. In Hebrew with English abstract.

The author holds that there was no Seleucid mint at Jerusalem and that the issues attributed to Jerusalem were struck in Ascalon which was the main mint supplying Judaea with coinage in the second half of the 2nd century BC. The symbols of the Hasmonean coinage were also inspired by Seleucid issues of Ascalon. Finally, the first series of coins of Herod the Great, dated Year 3, was also a product of the mint of Ascalon.
(Arnold Spaer)

93 REGOUDY, F. De Byblos à Zimbabwe. *Vie num* Vol. 39 No. 2 (Feb. 1989) pp. 53-55 illus.

The author points out that a Greek Imperial coin of the emperor Macrinus (217-218) and struck in Byblos (Head, *HN*, p. 791) was unjustly used as evidence of a link between Great Zimbabwe and Arabia.
(Johan van Heesch)

94 RIGSBY, KENT J. An Edict of Ptolemy I. *ZPE* Vol. 72 (1988) pp. 273-274.

The fine prescribed in a recently published Ptolemaic papyrus of 305/4 BC was not expressed in drachmas "sacred to Alexander" but in Alexander drachmas, which were "sacred" because they were forfeit to the state. The papyrus therefore supports the proposition that Alexanders were still a regular currency in 304 BC in Egypt.

(John Melville-Jones)

95 SANIE, SEIVA. Circulația monetară în cetățuia geto-dacică de la Barboși-Galați [Monetary Circulation in the Geto-Dacian Fortress from Barboși-Galați]. *Symposia Thracologica* Vol. 6 (1988) p. 109.

In a Getian site from Barboși-Galați (south of Moldavia) about 155 Greek autonomous, colonial, Roman Republican and Imperial coins, dated to 2nd through the 4th century AD, were discovered.

(Constantin Preda)

96 SANIE, SILVIU. O ștanță monetară descoperită în cetățuia geto-dacică de la Barboși-Galați [A Monetary Punch Discovered in the Geto-Dacian Fortress of Barboși-Galați]. *SCIIVA* Vol. 40 No. 1 (1989) pp. 91-96 illus. English summary.

A bronze monetary punch with laureate head likely to be a local copy of the Philip II type was discovered during the excavations from Barboși-Galați.

(Constantin Preda)

97 SARIANIDI, VICTOR. *The Golden Hoard of Bactria: From the Tillya-tepe Excavations in Northern Afghanistan*. Trans. Arhut Shkarovsky-Raffé. (New York, Harry N. Abrams, Inc., and Leningrad, Aurora Art Publishers, 1985) 259 pp. illus.

In 1978-79 were discovered six Bactrian burial sites, located near present-day Shibargan in northern Afghanistan. The joint Afghan-Soviet archaeological expedition discovered in the course of the excavation ca. 20,000 objects—almost all gold. The book is divided into two parts: (1) an account of the discovery of the site and an analysis of the history/culture of the people and (2) a catalogue of the discovered artefacts.

(Candace Carter)

98 *SYLLOGE NUMMORUM GRAECORUM DEUTSCHLAND*. Münzsammlung der Universität Tübingen. Vol. 4 (Munich, Hirmer 1989) 30 pp. illus.

D. Mannsperger publishes 1,132 coins from Mysia, Troas, Aeolis, Lesbos and Ionia from the collection of Tübingen.

(Wolfgang Leschhorn)

99 *SYLLOGE NUMMORUM GRAECORUM DEUTSCHLAND*. Staatliche Münzsammlung München. Vol. 24 (Munich, Hirmer 1989) 21 pp. illus.

W. Leschhorn compiles and publishes 507 Roman Imperial coins from Phrygia.

(Wolfgang Leschhorn)

100 TRELL, BLUMA L. *Ancient Coins as Evidence for the History of*

Art. *Bulletin of the Asia Institute*. New series, Vol. 2 (1988) pp. 53-65 illus.

This article is based on a paper read at the 10th International Numismatic Congress. Greek Imperials minted in the East represent motifs which, at the most, inspired and, at the very least, anticipated similar conventions in Byzantine and medieval art. Characteristic motifs could and did move to the West. The author discusses motifs ranging from the Phoenicio-Punic world to medieval Italy and Spain.

(Candace Carter)

101 TRELL, BLUMA L. The Temple of Artemis at Ephesos. *The Seven Wonders of the Ancient World*. Edited by Peter Clayton and Martin (London and New York, Routledge 1988) pp. 78-99 illus.

The history of the temple is thoroughly outlined. The author reconstructs the temple by means of the coinage.

(Candace Carter)

102 WEISER, WOLFRAM. Die Eulen von Kyros dem Jüngeren. Zu den ersten Münzporträts lebender Menschen. *ZPE* Vol 76 (1988) pp. 267-296 illus.

The tetradrachms which P.R. Franke identified as Attic types with the small head of the Persian Great King Darius II as a insignia and others coins of the same type with the head of Cyrus the Younger as a insignia belong to an issue which was struck by Cyrus in Sardis and meant for use by Sparta under Lysander in the war against Athens between 407-404 BC. The attempt with the miniature portraits was soon given up by Cyrus. In 401 Cyrus on his campaign against the Great King repeated the experiment with his portrait on the double sigloi of Tarsus and on the gold darics. The young rider on the double sigloi and the runner on the gold darics bore the features of Cyrus. The experiment with the miniature portraits on the "Owls" shows that the first coinage with the portraits of the satraps belongs to the period after 401 BC. The coinage with the portrait of Tissaphernes belongs in the period between 401 and 395, that with the portrait of Pharnabazos between 388 and 373 BC and that with the portrait of Tiribazos between 386 and 380 BC. The Lycian portrait coinage evolved between 401 and 380 BC.

(Wolfgang Leschhorn)

103 WESTERMARK, ULLA Gåvor från de numismatiska stiftelserna till Kungl Myntkabinettet 1988 (1). [Gifts from the Numismatic Foundations to the Royal Coin Cabinet, Stockholm, in 1988]. *SNT* Vol. 7 (1989) pp. 160-162 illus.

Fourteen Greek coins are described and illustrated.

(Author)

104 ZAHLE, JAN. Magd og billede [Power and Portrait]. *Nationalmuseets Arbejdsmark* (Copenhagen, 1988) pp. 155-167 illus. English summary.

The author presents 3 Lycian coins which were donated to the Copenhagen Coin Cabinet in 1986-87. The coins are silver staters minted for the dynasts Kheriga and Kherei of the late 5th century BC. The author maintains the opinion that the portraits on the coins represent the dynasts themselves and not a Persian satrap.

(Ulla Westermarck)

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 12, 13, 17, 19, 34, 36.
Technology and Methodology, No. 52.
Roman, No. 218.
India, Nos. 342, 348, 351.

CELTIC

105 DOMINGUES ARRANZ, M.A. Nuevos hallazgos de brances con leyendas celtibérica Arekorata. *Bolskan* Vol. 5 (1988) pp. 249-262.

The author publishes 2 Celtic-type coins from Arekorata.

(Leandre Villaronga)

106 KAUFMANN, HANS. Keltische Münzen nördlich von Elbsandsteingebirge und Lausitzer Bergland. *Ausgrabungen und Funde, Berlin* Vol. 34 No. 1 (1988) pp. 26-29.

The author discusses two stray finds of Celtic coins in Saxony (Göbel, Ostkeltischer Type pl. 25, 291 and Paulsen No. 227).

(Paul Arnold)

107 MORAWIECKI, LESŁAW. Złote monety ΚΟΣΩ [The Golden ΚΟΣΩ Coins]. *WN* Vol. 31 (1987, publ. 1989) pp. 52-59 illus. English summary.

The author attributes the golden ΚΟΣΩ coins to Koson—the Dacian ruler of Muntenia, who struck them ca. 44 BC in order to pay a tribute to the Burebista's successors in Sarmizagethusa.

(Andrzej Mikołajczyk)

108 NĚMEČKOVÁ, VĚRA and NEMEŠKALOVÁ-JIROUDKOVÁ, ZDENKA. Dodatky k soupisu keltských mincí a jejich nalezišť v severovýchodních Čechách [Supplements to the List of the Celtic Coin-Finds in NE Bohemia]. *NS(Czech)* Vol. 18 (1989) pp. 197-199 illus.

The description of two gold Celtic coins is given.

(Authors)

109 ŠULA, JAROSLAV. Nález keltských mincí v Broumech a u Velíže ve světle soudobých archivních dokumentů [The Find of Celtic Coins in Broumy and Velíz in Light of the Archival Documents]. *NS(Czech)* Vol. 18 (1989) pp. 5-10. German summary.

The analyses of documents from the 17th century gives the evidence that there was found only one hoard containing about 20 Celtic gold coins in this region. The coins were lost, but some details in these documents allowed at least the reconstruction of their weight.

(Z. Nemeškalová-Jiroudková)

110 VAN ARSDELL, ROBERT D. Celtic chicanery II - the hidden face

on an Atrebatian stater. *NCirc* Vol. 97 No. 5 (June 1989) p. 152 illus.

111 VAN ARSDELL, ROBERT D. Take out the gold, but keep the Colour. *NCirc* Vol. 97 No. 3 (April 1989) pp. 82-83.

The relationship of composition and color in Celtic gold staters is discussed.
(*Edward Besly*)

112 VAN ARSDELL, ROBERT D. The quarter staters of Commius. *NCirc* Vol. 97 No. 4 (May 1989) p. 115 illus.

For additional references to Celtic numismatics, see the following abstracts:

Roman, No. 185.

Western and Central Europe, No. 441.

PUNIC

113 ACQUARO, ENRICO. Sui ritratti barcidi della monetazione punica. *Rivista storica dell'Antichità* (Bologna, Patron 1983-84, publ. 1985) pp. 83-86.

The author investigates the historical-political role of the idealization of Hamilcar, Hannibal and Hasdrubal Barca on Punic coinage.
(*Andrea Carignani*)

114 CLOVER, FRANK M. Felix Karthago. *Dumfriesshire OP* No. 40 (1986) pp. 1-16 illus.

The author discusses the personification of Carthage and the revival of Phoenician badges of Carthage.
(*Candace Carter*)

115 MANFREDI, LORENZA I. Monete di Kitio del Museo Civico di Bologna. *RStudFenici* Vol. 11 No. 2 (1983) pp. 149-157 illus.

The author publishes the 7 coins of Citium in Phoenician tradition kept in the cabinet of the Museo Civico di Bologna. The pieces of gold, of silver, and of bronze date from the beginning of the 5th century to the end of the 4th century BC.

(*Andrea Carignani*)

For an additional reference to Punic numismatics, see the following abstract:

Western and Central Europe, No. 441.

ETRURIA

116 CRISTOFANI, MAURO. La monetazione etrusca dieci anni dopo il convegno di Napoli. *AIIN* Vol. 36 (1989) pp. 83-100.

The author recapitulates by means of the 10 Congresses in Naples the actual state of research and debate of the economic and monetary history of Etruria. In particular several aspects of the issues of the cities—Volterra, Populonia, Vetulonia, and Tarquinia—are presented anew. *(Andrea Carignani)*

117 DUKAT, ZDENKA and MIRNIK, IVAN. Etruščanski i umbrijski novci u Arheološkom muzeju u Zagrebu [Etruscan and Umbrian Coins from the Archaeological Museum in Zagreb]. *Vjesnik Arheološkog muzeja u Zagrebu* 3rd series, Vol. 19 (1986) pp. 179-186 illus. English summary.

IBERIAN

118 AREVALO GONZALEZ, A. Las monedas bilingües de Obulco. *GacNum* Vol. 94-95 (1989) pp. 143-147.

The author reviews the indigenous inscription of Obulco. *(L. Villaronga)*

119 BELTRAN, A. ¿ Indigenismo y Nacionalismo en la moneda antigua española ? *GacNum* Vol. 94-95 (1989) pp. 121-124.

120 BERROCAL, L. Excavaciones en Capote (Beturia Céltica) I. *Serie Nertobrige* (Badajoz, Fregena de la Sierra y otros 1988) 84 pp.

The author describes 17 recently discovered ancient coins. *(L. Villaronga)*

121 GARCIA-BELLIDO, M. PAZ. Las marcas de valor en las monedas celibéricas. *GacNum* Vol. 94-95 (1989) pp. 55-64.

All of the pieces described are necessary to complete one unit. *(L. Villaronga)*

122 GARCIA JIMENEZ, S. Las monedas del jinete ibérico aparacidas en la provincia de Cécere. *GacNum* Vol. 94-95 (1989) pp. 139-142.

The author discusses a hoard comprising 214 coins. The majority are Tanusia (49.5 percent), Sekaisa (17.7 percent) and Titiakos (13.6 percent). *(L. Villaronga)*

123 MARTI I GARCIA, CARLOS. Numismática de el dipòsit del sector occidental del poblat ibèric de Burriac (Cabrera de Mar, El Maresma). *Laietania* Vol. 4 (1988, publ. 1989) pp. 149-158.

The author studies 28 of the 31 coins in the hoard. *(L. Villaronga)*

124 RIPOLLES, P.P. Fraccionarias ampuritanes. Estado de la Investigación. *Archivo de Prehistoria Levantina* Vol. 19 (1989) pp. 303-317.

The state of research concerning 4th century BC silver coinage of Catalonia is published. *(L. Villaronga)*

ROMAN

125 ABASCAL, J.M. La circulación monetaria del Portus Ilicitenus. *Estudis Numismàtics Valencians* Vol. 4 (1989) 150 pp. illus.

The author studies 435 Roman Republican coins from the Portus Ilicitenus, located in Santa Pola (Alicante). Tables and maps are included. (Leandre Villaronga)

126 ALFARO ASINS, C. Los denarios del tesoro de Chao de Lamas. *Gac-Num* Vols. 94-95 (1989) pp. 131-134.

The hoard discovered near Conimbriga comprised one denarius of Ikelkunsken and six Roman Republican coins (the last Cr 324), dating to 101 BC. (Leandre Villaronga)

127 ALFÖLDI, MARIA R. Nuovi rinvenimenti di *exagia solidi* a Treviri. *AIIN* Vol. 36 (1989) pp. 139-151 illus.

The find of three new *exagia solidi* in the bust of Honorius at Trier, found in 1983, brings forth several considerations of order—technical, weight, and historical—as a basis of this individual class of material. The *exagium solidi* is the companion weight of the solidus, the gold coin created by Constantine and corresponds to 1/72 of a pound. These pieces belonging to the workshop of the *comes sacrarum largitionum* and then in the imperial court offer evidence of the time frame September 394 and 395-396. (Andrea Carignani)

128 AMANDRY, MICHEL. Notes de numismatique africaine. II. *RN* 6th series, Vol. 28 (1986) pp. 72-82 illus.

The author discusses the Roman coinage of Hippo Regius (Annaba) and Sinope, previously attributed to Hippo Zarytus (Bizerte). See *NL* 116-174 for the reference concerning Part I, *RN* Vol. 26 (1984). (Candace Carter)

129 BAGNALL, ROGER S. Fourth-Century Prices: New Evidence and Further Thoughts. *ZPE* Vol. 76 (1989) pp. 69-76.

On the basis of new papyrological evidence, the author discusses the development of prices in Egypt in connection with the content of the metal in the coinage. (Wolfgang Leschhorn)

130 BALDUS, HANS ROLAND. Syria. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 121-151 illus. In German; English summary.

131 BICHI, GHEORGHE. Continuitatea în Dacia după retragerea romană în lumina cercetărilor de la Stolniceni-Buridava [The Continuity in Dacia after the Roman Retreat According to Research from Stolniceni-Buridava]. *Symposia Thracologica* Vol. 6 (1988) p. 172.

In the Roman fortress Buridava from the right bank of the Olt River (Vâlcea County, Oltenia) 2 bronze coins were discovered: one from Probus and one from Constantine the Great.
(Constantin Preda)

132 BIRÓ SEY, KATALIN. A pécsváradi éremlelet [The Coin Hoard in Pécsvárad]. *Folia Archaeologica* Vol. 38 (1987) pp. 171-192. German summary.

The author makes known a Roman coin hoard discovered in southern Hungary from the 4th century. The hoard consisted of 465 examples, among them some coins of Faustina Junior, Geta, Gallienus, Claudius II, Tetricus I, Aurelian and Probus. Most of the coins, however, were struck between 346-361; the last dates from 364/378. The author conjectures the hoard deposit to be connected with the attack of the tribes of Quads (374-375). The author catalogues the coins.
(István Gedai)

133 BIRÓ SEY, KATALIN. Az újabb balácai ásatások éremanyaga [The Coins of the New Excavations in Balácsa]. *Balácsai Közlemények* [Communications of Balácsa] Vol. I (1989) pp. 95-107. German summary.

The author publishes the coins of the 1st-4th centuries, discovered during the excavations of a Roman villa in Balácsa. Altogether 277 coins are catalogued.
(István Gedai)

134 BLANCO JIMENEZ, F.J. Una contramarca inédita sobre un es de Gades. *Archivo Español de Arqueología* Vol. 61 (1988) pp. 335-336.

The author discusses the countermark COL.
(Leandre Villaronga)

135 BLAZQUEZ CERRATO, CRUCES. Nuevos magistrados monetales en Bilibilis. *Kalathos* Vols. 7-8 (1989) pp. 115-122.

The author discusses the new coinage with G.MAL.SERA...MAL.BVCCO.
(Leandre Villaronga)

136 BOJKOVA, BISTRA. Problèmes de la circulation monétaire et du monnayage en Thrace de la première moitié du IV^e siècle. *Numizmatika* Vol. 23 No. 1 (1989) pp. 8-14 illus. In Bulgarian; French summary.

Three hoards in the Numismatic Collection at Varna are studied in order to illustrate monetary circulation in the Bulgarian region during the first half of the 4th century. These three hoards contain similar coins, which may be divided into two parts: coinage struck before 324 and coinage struck after 324. The latter category comprises the largest number of coins. The coinage was primarily struck in the mints of Heraclius and Cyzicus; the western mints were Lyon, Arles, Ticinum, and Aquileia.
(I. Youroukova)

137 BURNETT, ANDREW M. The Beginnings of Roman Coinage. *AIIN* Vol. 36 (1989) pp. 33-64.

In a far-reaching treatment on the origin of Roman coinage, the author discusses this phenomenon as a consequence of the contact and cultural influence of Magna Graecia.
(Andrea Carignani)

138 BUTTREY, T.V. Crete and Cyrenaica. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 165-174.

139 CAMPANA, ALBERTO. *La monetazione degli insorti italici durante la Guerra Sociale (91-87 a.C.)*. Edited by G. Apparuti. (Soliera, 1987) 153 pp. illus.

The author discusses the silver coinage issued by Italic rebels during the Social War. He identifies 15 sets of issues of denarii, dated from 91 to 87 B.C., for a total of 131 obverse and 153 reverse dies. Each of 182 previously unknown die combinations is illustrated and catalogued, together with a list of all known specimens. A brief discussion on the gold stater (Paris, de Luynes 31), considered by the author to be a forgery, is included. (Author)

140 CANDILIO, D. Roma. Monete dalla scavo della palestra nord-occidentale delle Terme di Diocleziano. *BollNum* Vol. 10 (1988) pp. 225-229 illus.

The author publishes eleven Roman Imperial coins, dating from Augustus to Numerianus (4 illegible) and one denarius of Pope Nicholas I (858-867), found during the excavation of the palestra in the northwest area of Diocletian's Baths. (Andrea Carignani)

141 CAPITANU, VIOREL. Noi descoperiri monetare antice intrate în colectiile Muzeului din Bacău [New Ancient Coin Discoveries in the Collections of the Museum from Bacău]. *Symposia Thracologica* Vol. 6 (1988) p. 108.

In the territory of Dămieniști, Bacău County (Moldavia), the following hoards were discovered: at Mărgineni, a hoard comprising 18 denarii from Marc Antony; at Cetățuia-Strugari, in a Carpathian site, a hoard comprising 14 denarii from Vespasian to Marcus Aurelius; at Călugăreni, a hoard with 62 denarii and a drachm, from Vitellius to Lucius Verus. (Constantin Preda)

142 CHRISTIANSEN, ERIK. The Roman Coins of Alexandria (30 BC to AD 296): An inventory of hoards. *Coin Hoards* Vol. 7 (1985) pp. 77-140.

143 CLAYTON, PETER A. Anthony and Cleopatra. *SCMB* No. 839 (April 1989) pp. 67-70 illus.

144 CONOVICI, NICULAE and SCAUNAS, NICOLAE. Notă suplimentară la tezaurul de denari romani republicani descoperit la Jegălia, jud. Călărași [Additional Note on Roman Republican Denarii Discovered at Jegălia, Călărași County]. *SCN* Vol. 9 (1989) pp. 113-120 illus. French summary.

There are another 28 Roman Republican coins and an imitation from Thasos tetradrachms to be connected with the hoard from Jegălia, Călărași County (Walachia), published in *Dacia NS* Vol. 16 (1972) pp. 305-316. Thus, on the basis of our present knowledge, the hoard consists of the following 482 coins: 450 Roman

Republican denarii from 241-211 BC, 25 imitations, 5 incuse denarii and 2 tetradrachms of Thasos (also imitations). (Constantin Preda)

145 CRACCO RUGGINI, LELLIA. Roma, Aquileia e la circolazione monetaria del IV secolo. *Aquileia e Roma, Antichità Alto-adriatiche* Vol. 30 (Udine, Arti Grafiche Friulane 1987) pp. 201-223.

The history of the monetary circulation—of gold, of silver, of bronze—in the region of Aquileia in light of the great historical economic events of the Roman world in late antiquity—from the monetary reform of AD 270 to the beginning of the 5th century, is given. (Andrea Carignani)

146 CRAWFORD, M.H. Sicily. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 43-51 illus.

147 DAR, S. Bir en-Nsuba. *HadArch* Part 93 (1989) pp. 1-2. In Hebrew.

Excavation of this north Gaulan site yielded a coin of Constantine I and one of Phocas on the floor of an olive oil press. (Arnold Spaer)

148 DAVIDESCU, MISU. Tezaurul dacic de la Izvorul Frumos, com. Burla Mare, jud. Mehedinți [The Dacian Hoard from Izvoru Frumos, Burila Mare, Mehedinți County]. *Symposia Thracologica* Vol. 6 (1988) pp. 112-113.

In Izvoru Frumos village, Mehedinți County (Walachia) a hoard consisting of Geto-Dacian silver adornment objects and 13 Roman Republican denarii issues from 151 to 81 BC was discovered. (Constantin Preda)

149 DOTCHEV, CONSTANTIN and PENTCHEV, VLADIMIR. "Découverte" scientifique ou preuve de l'ignorance. *Numizmatika* Vol. 23 No. 1 (1989) pp. 44-47.

The author publishes critical notes concerning the work of Dimitrov, Kamen, and Čudilova-Dimitrova, "Sesilija, Monnaies de la Basse Antiquité et médiévales de la Nécropole près du village Skravena, région de Sofia," *Archéologia* Vol. 30 (1988) pp. 51-57. (I. Youroukova)

150 DUNCAN-JONES, RICHARD P. Mobility and Immobility of Coin in the Roman Empire. *AJIN* Vol. 36 (1989) pp. 121-137.

The author withdraws his support of the traditional theory according to which the Principate witnessed a substantial mobility of coinage, primarily struck at Rome and distributed in the provinces, while the late empire was characterized by a strong tendency of the coinage to circulate in the region in which it was issued. In reality, the analysis of the distribution of the small hoards and the monetary circulation in the first two centuries of the empire anticipates the beginning of the phenomenon of a relative immobility of the coinage. (Andrea Carignani)

151 ERAV, R. Et-Tell (Bethsaida) 1988. *HadArch* Part 93 (1989) p. 25. In Hebrew.

Excavations at this site north of the Sea of Galilee yielded 5 coins of Alexander Jannaeus and 1 of Philip the Tetrarch.
(Arnold Spaer)

152 ERCOLANI COCCHI, EMANUELA. Rinvenimento di un gruzzolo di monete anee del IV sec. d.C. in località Salto del Lupo, Ferrara. *AIIN* Vol. 36 (1989) pp. 153-214 illus.

The author publishes a hoard of 1,172 bronze coins found in 1962 near Ferrara and kept in the local museum, Museo Archeologico Nazionale. The numismatic material, which apparently was struck primarily in eastern mints—besides Rome and Aquileia—can be dated between AD 324 and AD 388-392.

(Andrea Carignani)

153 FORZONI, ANGIOLO. *La moneta nella storia. Dalle origini alla riforma monetaria di Caracalla (214 d.C.)*. (Bari, Cacucci ed. 1989) 539 pp.

Full treatment of the history of the coinage from the beginning to the monetary economic crisis under the Severi is given.

(Andrea Carignani)

154 GABBA, EMILIO. Allora i Romani conobbero per la prima volta la ricchezza. *AIIN* Vol. 36 (1989) pp. 9-17.

On the basis of a passage of Fabius Pictor concerning the conquest of the Sabines (290 BC), the ancient historian relates the conscious concern of the Romans regarding the value of and the significance of the advantages of wealth. The author suggests that, already in the 3rd century BC, forces arose to determine the deep psychological change of the Roman class regarding *lucrum*, the basis and justification for power.

(Andrea Carignani)

155 GARA, ALESSANDRA. Egitto. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 153-163. In Italian.

156 GARCIA BELLIDO, M.P. ¿ Colonia Augusta Geditana ? *Archivo Español de Arqueología* Vol. 61 (1988) pp. 324-335.

The author determines that a hitherto presumed forgery is actually authentic. The coin bears the Phoenician legend COL A GAD.

(Leandre Villaronga)

157 GORINI, GIOVANNI. Le monete della zecca di Roma ad Aquileia fino alla riforma di Diocleziano. *Aquileia e Roma, Antichità Altoadriatiche* Vol. 30 (Udine, Arti Grafiche Friulane 1987) pp. 185-200 illus.

The author discusses the principal aspects of the monetary circulation of the Aquileian territory of the period immediately preceding the foundation of the city (181 BC) to the Diocletian reform.

(Andrea Carignani)

158 HACHLILI, R. and KILLEBREW, A. The Coin-in-the Skull Affair: A Rejoinder. *BiblArch* Vol. 49 No. 1 (March 1986) pp. 59-60.

The author replies to W. Meacham's article. The author refutes Meacham's contention.

(Arnold Spaer)

159 HERSHKOVITZ, M. A Roman Cupping Vessel from Massada. *Eretz-Israel* Vol. 20 (Yigael Yadin Memorial Volume) (Jerusalem, 1989) pp. 275-277 illus. In Hebrew. English abstract pp. 204-205.

This bronze vessel was found to contain 6 shekels and 6 half shekels of the 1st Jewish Revolt fused into a lump by fire. The coins included 2 half shekels of Year 1, one shekel and 2 half shekels of Year 2 and one shekel and one half shekel of Year 3. The dates of the remaining coins were indecipherable because of fire damage.

(Arnold Spaer)

160 HERZ, PETER. Caligola. Patere e propaganda. *BollNum* Vol. 10 (1988) pp. 7-20 illus.

The article concerns the exercise of power and its pictorial representations. On the basis of the monetary iconography of Caligula, the author examines the use and abuse of propaganda by this emperor.

(Andrea Carignani)

161 HETTGER, HENRY T. Caesars 12, Rome 1. *WCN* Vol. 13 No. 51 (23 Dec. 1986) pp. 12-17 illus.

The author discusses the portraits of the emperors as seen on coins. (Candace Carter)

162 HOHLFELDER, ROBERT L. Caesarea Maritima in late antiquity: an introduction to the numismatic evidence. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers*. (Waterloo, Ontario 1984) pp. 261-285 illus.

163 ILUK, JAN. Późnorzymskie skarby solidów z północno-zachodniej Europy w świetle barbarzyńskich podbojów od IV do VI wieku [The Late Roman Hoards of Solidi from Northwestern Europe in Light of the Barbarian Conquests Between the 4th and 6th Centuries]. *WN* Vol. 31 (1987, publ. 1989) pp. 1-38 illus. English summary.

The solidi hoards buried from the 4th to the 6th centuries AD in Britain, Gaul, Roman and barbarian Rhineland (register of 85 hoards) are discussed. The chronological periods of hoarding 309-364-423-476-565 correspond with the political history as the hoards seem to reflect the imperial supports in gold shifted to the weaker provinces in danger. The composition of the hoarded solidi is considered.

(Andrzej Mikołajczyk)

164 ILUK, JAN. Skarb solidów znaleziony w 1764 r. w Xanten, RFN [The Hoard of Solidi Found in 1764 at Xanten, FRG]. *WN* Vol. 31 (1987, publ. 1989) pp. 76-87. English summary.

Using the files of the Dusseldorf archives, the author reconstructs the Xanten hoard (1764) of 210 solidi, 8 silver and 13 bronze coins of the Valentinian-Theodosius dynasty, deposited in the 5th century.

(Andrzej Mikołajczyk)

165 KIENAST, DIETMAR. Diva Domitilla. *ZPE* Vol. 76 (1989) pp. 141-147.

The coinage, struck during the Flavian period for the Divine Domitilla, referred to Domitilla the Elder, the wife of Vespasian, and not Domitilla the Younger, the daughter of Vespasian. This coinage was struck under Domitian.

(Wolfgang Leschhorn)

166 KISZA, WŁODZIMIERZ. Skarb denarów rzymskich z Paczółtowic odkryty w 1828 r. [The Hoard of Roman Denarii from Paczółtowice Found in 1828]. *WVN* Vol. 31 (1987, publ. 1989) pp. 60-73. English summary.

Fragment of the Roman denarii hoard (97 coins from AD 70-169) found in Paczółtowice near Cracow (1828), now in the Jagiellonian University Museum, is discussed.

(Andrzej Mikołajczyk)

167 KLEEB, ALVIN A. Presenting a Roman Fouree Brockage. *SAN* Vol. 17 No. 4 (Sept. 1989) pp. 75-76 illus.

The author describes a Roman Republican denarius struck between 100 and 97 BC.

(Vic Kozik)

168 KOCHAVI, M. Excavations at Aphek - Antipatris. *Qadmoniot* Vol. 22 Nos. 1-2 (1989) pp. 2-20. In Hebrew.

On p. 14 coins of Agrippa I and the Procurators found in the destruction level of the 1st Jewish Revolt are illustrated.

(Arnold Spaer)

169 KOENIG, FRANZ E. Roma. Monete dal Tevere. L'imperatore Gaio (Caligola). *BollNum* Vol. 10 (1988) pp. 21-186 illus.

The author publishes a complete and critical study of 561 coins of Caligula, found in the Tiber.

(Andrea Carignani)

170 KUTCHER, R.R. Coins Portraying Janus. *NI* Vol. 23 No. 4 (April 1989) pp. 89-91 illus.

A few coins portraying Janus are discussed and illustrated.

(Joseph Uphoff)

171 LALLEMAND, JACQUELINE. Blandain (Ht.): monnaies des 1er-4e s. *Archéologie* No. 2 (1988) p. 168.

At Blandain in the province of Hainault (Belgium) 147 Roman coins were found. Most of these are from the 3rd (27 examples) and the 4th (87 examples) centuries.

(Johan van Heesch)

172 LAURITSEN, FREDERICK M. A Late Roman Hoard from Aphrodisias, Turkey. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers.* (Waterloo, Ontario 1984) p. 295.

173 LLORENS, M. DEL M. and RIPOLLES, P.P. Saguntum: las acuñaciones de Tiberio. *Homenaje A. Chabret* (Generalitat Valenciana 1988) pp. 157-206.

The author analyzes these emissions, with an emphasis on volume and purpose.
(Leandre Villaronga)

174 LO CASCIO, ELIO. Ancora sullo *stipendium* legionario dall'età polibiana a Domiziano. *AIVN* Vol. 36 (1989) pp. 101-120.

Beginning with two recent studies dedicated to the debate, the author delineates the various stages of the stipendium of the Roman legionaries, beginning with an annual 120 denarii in the 2nd century BC to 225 denarii in the period between Augustus and Domitian.
(Andrea Carignani)

175 MC KAY, ALEXANDER G. Art and Architecture as Severan Coin Types. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers.* (Waterloo, Ontario 1984) pp. 241-260.

176 MEDRANO MARQUES, M.M. Las posiciones de cuños en los denarios de ceca incierta 1 y de ceca incierta 2. *GacNum* Vol. 94-95 (1989) pp. 149-153.

177 MELVILLE-JONES, JOHN R. *A Dictionary of Ancient Roman Coins.* (London, B.A. Seaby 1990) 329 pp. illus.

178 MERTEN, STEFAN. Gallienus als Mercurius Novus. Ein unedierter Antoninian. *NNb* Vol. 38 No. 6 (1989) pp. 140 illus.

An unpublished antoninianus of Gallienus, struck in Rome in AD 265, depicts on the obverse the portrait of Caesar with a caduceus over his shoulder and on the reverse Fortuna Redux.
(Wolfgang Leschhorn)

179 MESHORER, Y. *The Coinage of Aelia Capitolina.* (Jerusalem, The Israel Museum 1989) 124 pp. illus.

This book is a new, fully illustrated catalogue of the coins of Aelia Capitolina last dealt with by Kadman in 1956 in Volume I of *Corpus Nummorum Palaestinensium*. The book eliminates previous erroneous attributions and also incorporates all publications and discoveries since then and contains 184 types. The catalogue is preceded by chapters on the history of research and the historical background of the city and its mintage.
(Arnold Spaer)

180 MITKOWA-SZUBERT, KUNKA. Późnoantyczne monety brązowe z Salony pod Splitem [The Late Ancient Bronze Coins from Salona near Split]. *WN* Vol. 31 (1987, publ. 1989) pp. 74-75. English summary.

Eleven Roman bronzes from AD 251-423 in the State Archaeological Museum in Warsaw were presumably found in Salona near Split, Yugoslavia.
(Andrzej Mikołajczyk)

181 MORRIS, ALAN. An unpublished reverse type for an Allectan antoninianus. *NCirc* Vol. 97 No. 4 (May 1989) pp. 119-120 illus.

A radiate with reverse **VIRTVS ALLECTI AVG**, emperor on horseback, is published. (Edward Besly)

182 NATHANSON, B.G. Jews, Christians and the Gallus Revolt in 4th Century Palestine. *BiblArch* Vol. 49 No. 1 (March 1986) pp. 26-36 illus.

This historical article is partly illustrated by coins of the House of Constantine. (Arnold Spaer)

183 NATKAŃSKI, KAROL E. Kolekcja monet dynastii julijsko-klaudyjskiej w zbiorach Muzeum Archeologicznego i Etnograficznego w Łodzi [Collection of the Julio-Claudian Dynasty Coins in the Collection of the Archaeological and Ethnographical Museum in Lodz]. *PracMat* No. 8 (1988, publ. 1989) pp. 5-26 illus. English summary.

The author provides a catalogue of 137 Roman coins (Augustus to Nero) from the collection of the Archaeological and Ethnographical Museum in Lodz. (Andrzej Mikołajczyk)

184 OCHESEANU, RADU. Dinamica penetrării denarilor romani republicani în Dacia sec. I î.e.n. - I e.n. [The Dynamics of the Roman Republican Denarii Penetration in Dacia from the 1st Century BC - 1st Century AD]. *Symposia Thracologica* Vol. 7 (Tulcea, 1989) pp. 382-384.

The analysis of Roman denarii hoards from the 1st century BC to the 1st century AD, discovered in Dacia, offers new data concerning the dynamics and the periods of their penetration. (Constantin Preda)

185 OVERBECK, BERNHARD. Celtic Chronology in South Germany. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 1-12 illus.

186 PANVINI ROSATI, FRANCO. La circolazione monetaria ad Aquileia nell'altomedioevo. *Aquileia e le Venezie nell'Altomedioevo, Antichità altoadriatiche*. Vol. 32 (Udine, Arti Grafiche Friulane 1988) pp. 407-411.

The author follows the vicissitudes of the monetary circulation in Aquileia from the opening of the local mint to the work of Diocletian (AD 294-295), until Carolingian reform. (Andrea Carignani)

187 PENTCHEV, VLADIMIR. Solidus de l'empereur Valens de la collection numismatique du Musée National historique. *Numizmatika* Vol. 23 No. 2 (1989) pp. 19-20 illus. In Bulgarian; French summary.

The author discusses a solidus of Valens (354-378), found in the area of Nicopolis ad Istrum. (I. Youroukova)

188 PERASSI, CLAUDIA. Correnti artistiche nella monetazione romana repubblicana precedente l'introduzione del denario. *Athenaeum* Vol. 66 (1988) pp. 345-364 illus.

In the context of research of numismatic material struck at Rome, conducted under formal conditions, first from the introduction of the denarius (end of the 4th-end of the 3rd century BC), the author distinguishes three principal artistic trends. The first current presents the numerous points of contact with Greek art used as iconographic and stylistic models; the second joins a purely classical formulation - with typically local elements; the third essentially nurtures the tastes, sensibilities and artistic solutions of Italic origin (the series of the Janus head).

(Andrea Carignani)

189 PETOLESCU, CARMEN. Primul război dacic reflectat în emisiunile monetare [The First Dacian War Reflected in Coin Issues]. *Symposia Thracologica* Vol. 6 (1988) p. 128.

The author presents the coin issued by Trajan which contains images of the Daco-Roman battles and of the transformation of Dacia into a Roman province.

(Constantin Preda)

190 PETRE, AURELIAN. *La romanité en Scythie Mineure (IIe-VIIe siècles de n.è.). Recherches archéologiques.* (Bucharest, 1987) pp. 11-76.

In a grave from the Roman-Byzantine necropolis from Beroe fortress (Piatra Frecăței, Tulcea country, Dobroudja) 12 bronze coins from Aurelian, Tacitus, Probus, Carinus, Diocletian and Maximian Hercules appeared. In other graves were coins from Antoninus Pius, Constantine I, Constantius II, Honorius and Justinian I and also unidentified pieces from the 4th-5th centuries AD. (Constantin Preda)

191 PETRISOR, ELENA. Așezarea carpică de la Homiceni, jud. Neamț [Carpathian Settlement from Homiceni, Neamț county]. *MemAntiq* Vol. 15-17 (1983-1985, publ. 1988) p. 99.

At Homiceni, Bîrgăoani commune's second hoard, comprising 666 Roman Imperial denarii from Nero to Antoninus Pius, was discovered in 1986.

(Constantin Preda)

192 PICARD, OLIVIER. Thrace. *The Coinage of the Roman World in the Late Republic.* (Oxford, BAR 1987) pp. 79-92 illus. In French.

193 PINI, P. Aspects particuliers de l'iconographie monétaire romaine: l'éléphant sur les types républicains et impériaux. *Vie num* Vol. 39 No. 3 (March 1989) pp. 81-90 illus.

194 POENARU BORDEA, GH., OCHESEANU, RADU and NICOLAE, EUGEN. Axiopolis aux IIIe-VIIe s. de n.è à la lumière des découvertes monétaires. *SCN* Vol. 9 (1989) pp. 53-73.

Monetary discoveries (3rd-7th centuries) from the Roman-Byzantine fortress Axiopolis (Cernavoda, Dobroudja) are discussed. The catalogue of these discoveries comprises 209 coins, issues from Aurelian to Phocas included and 8 late Byzantine from the 11th century. Interesting conclusions regarding the history of Axiopolis fortress and the monetary circulation in Scythia Minor are formulated.

(Constantin Preda)

195 POENARU BORDEA, GH. and DICU, PAUL. Monede romane târzii și bizantine (sec. IV-XI) descoperite pe teritoriul jud. Argeș [Late Roman and Byzantine Coins (4th-11th Centuries) Discovered on the Territory of Argeș County]. *SCN* Vol. 9 (1989) pp. 75-88 illus. French summary.

Late Roman and Byzantine coins from the 4th-11th centuries are presented in chronological order and order of discovery. They provide rich evidence of monetary circulation and the history of Argeș county (Walachia). From the 125 published coins, 112 are Roman issues from the 4th century AD and 13 Byzantine coins from the 6th-7th and 11th centuries.

(Constantin Preda)

196 POENARU BORDEA, GH. and OCHESEANU, RADU. Tezaurul Monetar din sec. V e.n. de la Beștepe, com. Mahmudia, jud. Tulcea [The Coin Hoard from the 5th Century AD from Beștepe, Mahmudia commune, Tulcea County]. *Symposia Thracologica* Vol. 7 (Tulcea, 1989) p. 372.

Before 1914, in Beștepe (Dobroudja, Romania) a hoard of 400 Roman Imperial coins from the 4th-5th centuries was found—most dating ca. AD 408-423. The hoard could have been hidden in 422, when a strong Hunic raid occurred.

(Constantin Preda)

197 POPILIAN, GHEORGHE and TATULEA, CORNEL. O nouă necropolă daco-romană descoperită în Oltenia [A New Daco-Roman Necropolis Discovered in Oltenia]. *Symposia Thracologica* Vol. 6 (1988) p. 167.

In a grave from the Daco-Roman necropolis from Dioști, Olt county, a coin of Caracalla was found.

(Constantin Preda)

198 PREDA, CONSTANTIN. Contribuții la studiul circulației denarilor romani imperiali în Muntenia. Tezaurul de la Mogoșoaia-București [Contributions to the Study of Roman Imperial Denarii Circulation in Muntenia. The Hoard of Mogoșoaia-Bucarest]. *SCN* Vol. 9 (1989) pp. 29-36. French summary.

The hoard of Mogoșoaia contains 17 Roman Imperial coins ranging from Nero-Antoninus Pius Divus. The author gives a general view regarding the Roman Imperial coins circulating in the 2nd century AD in Walachia. The hoard was possibly deposited at the end of the 2nd century due to Sarmatian migrations. On the basis of numismatic evidence, the Transalutan limes was built in stages, the last one in the reign of Commodus.

(Author)

199 PRICE, MARTIN. Southern Greece. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 95-103 illus.

- 200** RABBAN, A. Caesarea and its Harbour—1988. *HadArch* Part 93 (1989) pp. 55-59. In Hebrew.

In excavations of the port numerous coins were found—mainly Greek Imperials—of the Emperor Philip and issues of Caesarea in the name of Alexander Severus.

(Arnold Spaer)

- 201** RAHMANI, L.Y. Roman Miscellanea - An Ashkelonian Libra Weight. *IEJ* Vol. 39 Nos. 1-2 (1989) pp. 64-70 illus.

A lead weight of 286.5 g was found in 1966 ca. 10 km northeast of ancient Ascalon. On its face is a depiction of the city goddess closely resembling coin types of Roman Ascalon as those of Trajan *BMC* Nos. 136-158 and Hadrian *BMC* Nos. 169-180. The altar on the weight is more detailed than on the coins and, according to the author, is an incense altar.

(Arnold Spaer)

- 202** RAHMANI, L.Y. "Whose Likeness and Inscription is This? (Mark 12:16)". *BiblArch* Vol. 49 No. 1 (March 1986) pp. 60-61.

The author concludes that the use of coins was not part of any Jewish burial custom during the 1st and 2nd centuries AD. See *NL* 123-158.

(Arnold Spaer)

- 203** RÉMY, B. Trouvaille de deux monnaies d'or d'Honorius en Algérie. *BSFN* Vol. 40 No. 4 (April 1985) p. 635.

- 204** RUSU, ADRIANA, ANDRITOIU, ION and LAZAR, M. Complexul termal de la Geoagiu Băi [The Bath Complex from Geoagiu Băi]. *Symposia Thracologica* Vol. 6 (1988) pp. 168-169.

In the offering piscine from the Roman baths of Geoagiu (ancient Germisars), Hunedoara county, Transylvania, were discovered 3 altars, 6 gold plates with inscriptions dedicated to Nimphae and Diana, in addition to more than 400 Roman bronze and silver coins from the 2nd to the 3rd centuries AD.

(Constantin Preda)

- 205** SAFRAI, B. Sa'ar. *HadArch* Part 93 (1989) pp. 11-12. In Hebrew.

Coins found at this site near the coast in Upper Galilee are 17 coins dating from Valentinian II (AD 375-392) to Justinian the Great (AD 527-565).

(Arnold Spaer)

- 206** SCHULZKI, HEINZ-JOACHIM. Ein Mainzer Münzschatzfund aus der Zeit des Tetricus. *Saalburg Jahrbuch* Vol. 44 (1988, publ. 1989) pp. 33-55 illus.

A 3rd century coin hoard, found close to the legionary fortress of Mogontiacum, containing 423 radiates (336 regular, 87 imitations) from AD 260 to 275, is discussed, together with a complete survey of Tetrican hoards in Upper Germany. Special attention has been paid to the imitations and the methods to distinguish them from regular pieces.

(Author)

- 207** SCHULZKI, HEINZ-JOACHIM. Zwei Münzdepots der

Magnentius-Zeit vom "Grossen Berg" bei Kindsbach, Kreis Kaiserslautern - Untersuchungen zum spätrömischen Münzumschlag im pfälzischen Raum. *Mitteilungen des Historischen Vereins der Pfalz* Vol. 85 (1987, publ. 1988) pp. 79-102 illus.

Two coin hoards, containing 41 and 103 Roman coins from AD 260-352, were discovered during the excavations of a late Roman fortification in 1985. Both hoards ended with the series of Magnentius - *VICTORIAE DD NN AVG ET CAES*. Special attention has been paid to the problems of coin circulation in the time of Magnentius and to the 3rd and 4th century imitations and their distribution in coin hoards from northern Gaul and Germany. A smaller deposit of 11 coins from AD 309 to 317, found in 1986, is added in a supplement. A catalogue of the ca. 1,000 additional local site-finds will be published by the author in the near future. (Author)

208 SEJBAL JUNIOR, JIŘÍ. Hromadný nález římských follisů ze Svitav? [A Hoard of the Roman Folles from Svitavy?] *NS(Czech)* Vol. 18 (1989) pp. 11-17 illus. German summary.

In the museum at Svitavy 39 Roman coins from the 2nd-4th centuries AD are deposited without any identification. The author supposes that it is a hoard discovered in this region. (Z. Nemeškalová-Jiroudková)

209 SHASHIBHOOSHAN, M.G. Roman Coins from Valluvaly. *JNSI* Vol. 49 (1987) pp. 39-40.

The discovery of a hoard of Roman gold coins in Valluvaly (Ernakulam Dist., Kerala) is reported and some coins from the hoard are described. (Amiteshwar Jha)

210 SULLIVAN, RICHARD. Royal Coins and Rome. *Ancient Coins of the Graeco-Roman World. The Nickle Numismatic Papers*. (Waterloo, Ontario 1984) pp. 143-158.

211 SUTHERLAND, C.H.V. Roman imperial type-selection: the degree of immediacy. *SNR* Vol. 65 (1986) pp. 105-109.

212 TEPPER, Y. and KLONER, A. Khirbet Zeta. *HadArch* Vol. 93 (1989) pp. 85-86. In Hebrew.

A hoard of 755 copper coins of Years 2 and 3 of the 1st Jewish Revolt was found in the subterranean passages examined at this south Judaeen site. (Arnold Spaer)

213 TERMOTE, J. Ieper (W.-Vl.): Romeinse munt. *Archéologie* No. 2 (1988) p. 168.

At Ieper in the province of West Flanders (Belgium) a Roman dupondius of Antoninus Pius was found. (Johan van Heesch)

214 THYS, M. Carausius (287-293) un empereur "belge". *Vie num* Vol.

39 No. 3 (March 1989) pp. 75-79 illus.

A concise political and monetary history of the reign of the Roman emperor Carausius is given. (Johan van Heesch)

215 TONDO, LUIGI. Aspetti della circolazione monetaria nei municipi romani dell'Appennino centrale. *Sestinum Comunità antiche dell'Appennino tra Etruria e Adriatica*. (Rimini, Bruno Ghigi Editore 1989) pp. 257-260.

The author presents and emphasizes the evidence of great importance concerning the work of the 18th century Tuscan archaeologist Gianfrancesca Gamurrini. On the basis of the numerous notes collected by him, a survey of the monetary circulation in the region of Arezzo is presented. (Andrea Carignani)

216 TONDO, LUIGI. Un antico ritrovamento di monete presso Algeri. *L'Africa romana*. Atti del V convegno di Studio, Sassari 11-13 dicembre 1987. Edited by A. Mastino. (Sassari, Dipartimento di Storia dell'Università di Sassari 1988) pp. 229-234 illus.

The author reconstructs the vicissitudes of Ptolemy of Mauretania which led to the discoveries of a hoard in 1786 near Algeria. The pieces refer to the time period between the 5th and 10th anniversary of the King's rule. (Andrea Carignani)

217 TORELLI, MARIO. Aspetti della società romana tra metà del IV e metà del III sec. a.C. La documentazione archeologica. *AIIN* Vol. 36 (1989) pp. 19-31.

On the basis of recent archaeological, historical and numismatic acquisitions, the author emphasizes several of Rome's cultural and economic aspects in the middle of the Republic. (Andrea Carignani)

218 TOURATSOGLU, J. Macedonia. *The Coinage of the Roman World in the Late Republic*. (Oxford, BAR 1987) pp. 53-72 illus.

219 TURNER, PAULA J. *Roman Coins from India*. Royal Numismatic Society Special Publication No. 22 (London, 1989) 152 pp. illus.

220 VALLADARES SOUTO, J.M. and FERREIRA LEITE, J.M. Notícia de um Tesouro de solidi eparacido em Bajo. *Nummus* Vol. 9/10 (1989) pp. 109-114.

The author discusses a hoard composed of 65 coins, ranging from Gratianus to Honorius. (Leandre Villaronga)

221 VELAZQUEZ JIMENEZ, A. and GONZALEZ GUZMAN, M. El tesorillo de denarios de "La Bóveda", Jerez de los Caballeros. (Nueva epor-taciones al plan del Sudetse). *Homenaje a Cánoves Pésini* (Badajaz, Colección Rosa de Luna, 1985) pp. 119-126.

The hoard is composed of 12 denarii, dating from Vespasian to Hadrian.

(Leandre Villaronga)

222 WALLMAN, PETER. *Triumviri Rei Publicae Constitutendae Untersuchungen zur politischen Propaganda im zweiten Triumvirat (43-30 v.Chr.)*. (Bern, CH-3000/15, Verlag Peter Lang AG, Jupiterstrasse 15) 364 pp.

In this dissertation the coins are treated thoroughly in the larger historical and historiographic contexts to get a better and differentiated understanding of the "revenge for Caesar" and the rivalries between Marc Antony and Octavian.

(Thomas Fischer)

223 YOUROUKOVA, IORDANKA. Les fortifications de Philippopolis et les effigies monétaires. *Numizmatika* Vol. 23 No. 1 (1989) pp. 3-8 illus. In Bulgarian; French summary.

The study concerns 2 coins of Crispina, struck in Philippopolis: on the reverse is represented a portrait of a woman characterized by a mural crown. This crown—comparable to that of Julia Domna as the city goddess of Philippolis—identifies this enigmatic portrait. The coins of Crispina, like those of Julia Domna, are characterized by individual traits of the empress, including fortification elements of the city. The evidence which the coinage of Crispina provides is of great value. The city goddess with the mural crown is a symbolic expression of the building and the restoration of the fortifications of the city. The interpretation of the original representation is dated by an bilingual inscription from the city. The inscription is dated to AD 172, during the period of Marcus Aurelius, which concerned the building enterprise. Ca. 177-180 these fortifications were already reproduced on the crown of the city goddess. The coinage of Crispina is thus the *terminus ante quem* for the fortifications encircling the ancient city.

(Author)

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 1, 5, 6, 8, 12, 13, 17, 19, 20, 24, 27, 30, 33, 34.

Technology and Methodology, Nos. 36, 45, 51.

Byzantine, Nos. 226, 264.

Ancient Near East, No. 274.

India, Nos. 309, 338.

Western and Central Europe, Nos. 441, 471.

BYZANTINE

224 ATAŞ, ERDOĞAN. *Antique Byzantine Coin Catalogue. Vol. 3.* (Istanbul, Antikite Yayınları, Babili cad. 54, 1989) 128 pp. illus. In Turkish.

The book discusses 1,276 coins on 51 plates. A section is concerned with coins of the Vandals, the empires of Nicaea and Trebizond, Lombards and the Arab-Byzantines.

225 AVENARIUS, ALEXANDER. Byzantská minca v nomádskom prostredí na strednom Dunaji [Byzantine Coins in the Nomad Environment in the Middle Danube Region]. *SlovNumiz* Vol. 10 (1989) pp. 43-52. Russian and German summaries.

Only a few Byzantine 5th-8th century coins are known from the middle Danube region but written sources record payments, which the Huns and Avars obtained for keeping peace. The author discusses the function of these coins in the Hunic and Avar societies.
(Z. Nemeškalová-Jiroudková)

226 BARNISH, S.J.B. The Wealth of Iulianus Argentarius: late antique banking and the Mediterranean economy. *Byzantion* Vol. 55 No. 1 (1985) pp. 5-38.

227 BENDALL, S. A new type of electrum Trachy of Isaac Comnenus of Cyprus (AD 1184-1191). *NCirc* Vol. 97 No. 4 (May 1989) pp. 117-119 illus.

228 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 27. *NI* Vol. 21 No. 8 (Aug. 1987) pp. 194-196 illus.

This installment in the series discusses the reign and coinage of Leo V (813-820).
(Joseph Uphoff)

229 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 28. *NI* Vol. 21 No. 9 (Sept. 1987) pp. 209-211 illus.

In this article the author discusses the reign and coinage of Michael II (820-829).
(Joseph Uphoff)

230 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 29. *NI* Vol. 21 No. 10 (Oct. 1987) pp. 243-248 illus.

The author discusses the reign and coinage of Theophilus (829-842).
(Joseph Uphoff)

231 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 30. *NI* Vol. 21 No. 11 (Nov. 1987) pp. 267-270 illus.

This article concerns the reign and coinage of Michael III (842-867).
(Joseph Uphoff)

232 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 31. *NI* Vol. 21 No. 12 (Dec. 1987) pp. 293-296 illus.

The reign and coinage of Basil I (867-886) is discussed.
(Joseph Uphoff)

233 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 32. *NI* Vol. 22 No. 1 (Jan. 1988) pp. 11-13 illus.

The author continues the discussion of the coinage of Basil I (867-886) in this article.
(*Joseph Uphoff*)

234 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 33.
NI Vol. 22 No. 2 (Feb. 1988) p. 42 illus.

This installment discusses the reign and coinage of Alexander (912-913).
(*Joseph Uphoff*)

235 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 34a.
NI Vol. 22 No. 3 (March 1988) pp. 59-62.

The author discusses the reign and coinage of Constantine VII (913-959).
(*Joseph Uphoff*)

236 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 34b.
NI Vol. 22 No. 4 (April 1988) pp. 77-79 illus.

This installment concerns the reign and coinage of Constantine VII (913-959).
(*Joseph Uphoff*)

237 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 35.
NI Vol. 22 No. 5 (May 1988) pp. 110-111 illus.

The author discusses the reign and coinage of Romanus II (959-963) and Theophano (963).
(*Joseph Uphoff*)

238 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 36.
NI Vol. 22 No. 6 (June 1988) pp. 144-147 illus.

The reign and coinage of Nicephorus II (963-969) are discussed in this article.
(*Joseph Uphoff*)

239 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 37.
NI Vol. 22 No. 7 (July 1988) pp. 161-166 illus.

This installment discusses the reign and coinage of John I (969-976).
(*Joseph Uphoff*)

240 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 38.
NI Vol. 22 No. 8 (Aug. 1988) pp. 187-193 illus.

The Anonymous Folles classified according to the Dumbarton Oaks Catalogue are discussed in this article.
(*Joseph Uphoff*)

241 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 39.
NI Vol. 22 No. 9 (Sept. 1988) pp. 214-217 illus.

The reign and coinage of Basil II (976-1025) are discussed. (*Joseph Uphoff*)

242 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 40.
NI Vol. 22 No. 10 (Oct. 1988) pp. 238-239 illus.

The author discusses the reign and coinage of Constantine VIII (1025-1028).
(Joseph Uphoff)

243 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 41.
NI Vol. 22 No. 11 (Nov. 1988) pp. 270-271 illus.

This installment concerns the reign and coinage of Romanus III (1028-1034).
(Joseph Uphoff)

244 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 42.
NI Vol. 22 No. 12 (Dec. 1988) pp. 286-287 illus.

The article concerns the reign and coinage of Michael IV (1034-1041).
(Joseph Uphoff)

245 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 43.
NI Vol. 23 No. 1 (Jan. 1989) pp. 16-17 illus.

This installment concerns the reign and coinage of Zoe (1041-1042).
(Joseph Uphoff)

246 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 44.
NI Vol. 23 No. 2 (Feb. 1989) p. 48.

In this installment the author discusses the joint reign and coinage of Zoe and Theodora (1042).
(Joseph Uphoff)

247 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 45.
NI Vol. 23 No. 3 (March 1989) pp. 59-62 illus.

The author discusses the reign and coinage of Constantine IX (1042-1055).
(Joseph Uphoff)

248 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 46.
NI Vol. 23 No. 4 (April 1989) pp. 92-93 illus.

This installment discusses the reign and coinage of Theodora (1055-1056).
(Joseph Uphoff)

249 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 47.
NI Vol. 23 No. 5 (May 1989) pp. 115-116 illus.

The author discusses the reign and coinage of Michael VI (1056-1057).
(Joseph Uphoff)

250 CURTIS, THOMAS. CONST.X. on LVND? —a Byzantine coin with a London provenance. *NCirc* Vol. 97 No. 4 (May 1989) p. 116 illus.

A 2/3 -miliaresion of Constantine X (1059-67) found in London is published.
(*Edward Besly*)

251 FIALA, ANTON. Byzantské mince na Slovensku (6.-12. Storočie) [Byzantine Coins in Slovakia, 6th-12th Centuries]. *SlovNumiz* Vol. 10 (1989) pp. 57-64 illus. Russian and German summaries.

A catalogue of Byzantine coin finds of the 6th through 12th centuries, including a historical evaluation, is published.
(*Z. Nemeškalová-Jiroudková*)

252 ЇORDANOV, IVAN and GINEV, GEORGI. Sukovishte ot vizantiiski perperi ot s. Païdushko, Turgovishtki okrug [Hoard of Byzantine perpers from the Town of Païdushko, Tŭrgevishte Province]. *Arkheologia* Vol. 29 (1987) pp. 27-38 illus. In Bulgarian; French summary.

253 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 48. *NI* Vol. 24 No. 6 (June 1989) pp. 140-142 illus.

The author discusses the reign and coinage of Issac I (1057-1059).
(*Joseph Uphoff*)

254 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 49. *NI* Vol. 24 No. 7 (July 1989) pp. 153-157 illus.

This installment discusses the reign and coinage of Constantine X (1059-1067).
(*Joseph Uphoff*)

255 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 50. *NI* Vol. 24 No. 8 (Aug. 1989) pp. 180-181 illus.

The author discusses the reign and coinage of Eudocia (1059-1071) in this article.
(*Joseph Uphoff*)

256 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 51. *NI* Vol. 24 No. 9 (Sept. 1989) pp. 180-181 illus.

This article discusses the reign and coinage of Romanus IV (1068-1071).
(*Joseph Uphoff*)

257 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 52. *NI* Vol. 24 No. 10 (Oct. 1989) pp. 180-181 illus.

This installment discusses the reign and coinage of Michael VII (1071-1077).
(*Joseph Uphoff*)

258 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 53. *NI* Vol. 24 No. 11 (Nov. 1989) pp. 266-269 illus.

This installment discusses the reign and coinage of Nicephorus III (1078-1081).
(*Joseph Uphoff*)

259 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 54. *NI* Vol. 24 No. 12 (Dec. 1989) pp. 266-269 illus.

This article discusses the career and coinage of the pretender Nicephorus Bryennius (1077-1078). (Joseph Uphoff)

260 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 55. *NI* Vol. 25 No. 1 (Jan. 1990) pp. 9-20 illus.

The reign and coinage of Alexius I (1081-1118) are discussed. (Joseph Uphoff)

261 O'HARA, MICHAEL DENNIS. A possible coinage for Alexius II? 1180-1184. *NCirc* Vol. 97 No. 4 (May 1989) pp. 111-113 illus.

262 O'HARA, MICHAEL DENNIS. An obverse die for an écu d'or of Charles IX of France. *SCMB* No. 839 (April 1989) pp. 70-72 illus.

263 OIKONOMIDÈS, NICOLAS. Silk Trade and Production in Byzantium from the Sixth to the Ninth Century: The Seals of Kommerkiarioi. *Dumbarton OP* No. 40 (1986) pp. 33-53 illus.

264 PANVINI ROSATI, FRANCO. La tipologia monetaria della zecca di Costantinopoli da Anastasio a Giustino II. *Felix Ravenna*. Nos. 125-126 (1983) pp. 39-61 illus.

The author examines the typological and iconographic aspects of Justinian coinage in the Constantinople mint in light of their immediate prototypes as well as subsequent development. (Andrea Carignani)

265 POTTIER, HENRI. Restitution d'un follis à Artavasde, l'usurpateur usurpé (Constantinople 742/3). *CENB* Vol. 26 No. 1 (Jan.-March 1989) pp. 1-14 illus.

The author discusses the sequence of issues of the bronze coins struck by the Byzantine emperors Leo III, Constantine V and Artavasdes. An anonymous follis is attributed to Artavasdes (AD 742). (Johan van Heesch)

266 TOURATSOGLU, I., TSOURTIKOULI, E., KRIKOU-GALANI, M. O thisauros "Komotinis"/1979: Symboli stin kykloforia ton tetartiron tou IB' e.m.Chr. [The "Komotini"/1979 (?) Hoard: A Contribution to the Circulation of the 12th century Tetartera]. *Byzantinische Forschungen* Vol. 14 No. 1 (1989) pp. 367-428 illus.

Descriptive catalogues of hoards containing tetartera, the majority of which are deposited in the Numismatic Museum of Athens, as well as catalogues of stray tetartera from all over present Greece constitute the basis of this article, in which the authors examine the problem of the mint attribution of this denomination and review older theories concerning the mint organization under the Commeni and the Angeli.

(Mando Oeconomides)

267 VITLIANOV, STOIAN. Deux sceaux impériaux de Veliki Preslav. *Numizmatika* Vol. 23 No. 1 (1989) pp. 32-34 illus. In Bulgarian; French summary.

The author publishes 2 seals of the Emperor Theophilus and the Emperor Alexius I Comnenus, discovered during the archaeological excavations of a large building in Veliki Preslav.
(I. Youroukova)

268 YANNOPOULOS, P. Inflation, dévaluation et réévaluation à la transition des mondes romain et byzantin. *Histoire économique de l'Antiquité. Bilans et contributions de savants belges présentés dans une réunion interuniversitaire à Anvers/Antwerpen, Universitaire Fakulteiten Sint-Ignatius*. Edited by Tony Hackens and Patrick Marchetti. Université catholique de Louvain. Institut supérieur d'Archéologie et d'histoire de l'art. Document de travail No. 22. (Louvain-la-Neuve, 1987) pp. 123-133.

A description of the economic situation of the Byzantine empire in the second half of the 6th and the first half of the 7th century is given. The successive devaluations of the bronze coinage do reflect the poor economic situation of the empire at that time.
(Johan van Heesch)

269 ŻABIŃSKI, ZBIGNIEW. Siła nabywcza pieniądza na Bałkanach w średniowieczu [Purchasing Power of Money in the Balkans in the Middle Ages]. *Slavia Antiqua* Vol. 31 (1988) pp. 227-232.

On the basis of the value for biological needs/requirements (3,000 calories a day), the author estimates the purchasing power of Byzantine coins in the following centuries: 6th (2.4 folles equals 0.4 g of silver), 8th (2.4 folles equals 0.30 g of silver), 10th (3 folles equals 0.30 g of silver) and 13th (1 keration equals half Venetian groat equals 1.5 g of silver).
(Andrzej Mikołajczyk)

For additional references to Byzantine numismatics, see the following abstracts:

General, Nos. 8, 19, 20, 27.

Near and Middle East, No. 305.

ANCIENT NEAR EAST

270 BIVAR, A.D.H. Achaemenid Coins, Weights and Measures. *Cambridge History of Iran* Vol. 2 (Cambridge, 1985) pp. 610-639.

271 BORDREUIL, PIERRE. Bulletin d'antiquités archéologiques du Levant inédites ou méconnues. III. *Syria* Vol. 53 Nos. 3-4 (1986) pp. 417-435 illus.

The author discusses 3 coins from Beirut with Phoenician inscriptions.

(Candace Carter)

272 CHOKSY, JAMSHEED K. Sacral Kingship in Sasanian Iran. *Bulletin of the Asia Institute*. New series, Vol. 2 (1988) pp. 35-52 illus.

A king ruled by virtue of his divinely granted *xwarrah* (glory), symbolized by the crown. Material evidence for the practice of sacral kingship consists of coins, seals, rock reliefs, silver plates, and inscriptions from the Sasanian period itself—items often used for royal propaganda. The symbolism of crowns and associated elements is discussed in detail. Imperial proclamations of sacral kingship were made on rock reliefs for the first 137 years of Sasanian rule, in inscriptions for 164 years, and on coinage for 215 years.

(Candace Carter)

273 GILMORE, P.M. The fifth Dura hoard. *NCirc* Vol. 97 No. 3 (April 1989) p. 78.

A hoard of 29 coins from Dura Europas is discussed.

(Edward Besly)

274 KINDLER, A. *The Coinage of Bostra*. (Warminster, Wilts., England, Aris and Philipps Ltd., 1983) 160 pp. illus.

An illustrated catalogue of the coins of Bostra, including Roman provincial issues attributed to its mint. There is a survey of earlier research and sources, and a full discussion of the monetary system, dating, types and legends. The Nabataean deities and coins connected with the Third Roman Legion are also surveyed.

(Arnold Spaer)

275 LEMAIRE, ANDRÉ. Nouveaux sceaux nord-ouest sémitiques. *Syria* Vol. 53 Nos. 3-4 (1986) pp. 305-325 illus.

The author discusses seals of the Phoenicians, Jews and Ammonites.

(Candace Carter)

276 MESHORER, Y. The Mints of Ashdod and Ascalon during the Late Persian Period. *Eretz-Israel* Vol. 20 (Yigael Yadin Memorial Volume) (Jerusalem 1989) pp. 287-291 illus. In Hebrew. English abstract p. 205.

Ten drachmas and oboli of differing types struck during the period 400-332 BC are attributed to the mint of Ashdod, the name of which some of them bear in full or the abbreviated form 'Ash'. Seven other types are attributed to Ascalon, among which some have no inscriptions and some bear the letters Aleph and Nun—the first and last letters of the name Ascalon.

(Arnold Spaer)

277 NATKAŃSKI, KAROL E. Mierniki wartości starożytnych Egipcjan [Value Measurements of the Ancient Egyptians]. *Wektory* No. 9 (Sept. 1988) pp. 61-64 illus.

The premonetary units of value used in Egypt from the 3rd millennium to the late 4th century BC are presented.

(Andrzej Mikołajczyk)

278 SENIOR, R.C. The Gondopharid Countermark. *NCirc* Vol. 97 No. 1 (Feb. 1989) p. 3 illus.

A countermark on Parthian issues of Orodes II and Phraates IV is discussed.
(Edward Besly)

279 SENIOR, R.C. Two Indo-Scythic hoards. *NCirc* Vol. 97 No. 2 (March 1989) pp. 44-45 illus.

Drachms and tetradrachms of Azes I, Azilises and Azes II are discussed.
(Edward Besly)

280 SHILOH, YIGAL and TARLER, DAVID. Bullae from the City of David: A Hoard of Seal Impressions from the Israelite Period. *BiblArch* Vol. 49 No. 4 (Dec. 1986) pp. 196-209 illus.

281 VISMARA, NOVELLA. *La monetazione arcaica della Licia, II, La collezione Winsemann Falkghera*. (Milan, GlauX. Collana di Studi e di Ricerche di Numismatica 3, 1989) 360 pp. illus.

The author publishes 223 coins of archaic Lycia in the collection of Winsemann Falghera. The author distinguishes the issues in 3 large groups: predynastic coins (characterized by the absence of a monogram or symbol referring to the issuing authority), protodynastic coins and dynastic coins (subdivided into two periods—the Arpad and Persian). The coins refer to two different weight systems: the licio, adopted in the coins of the first group, prevalent in the second phase and the Persian phase, and the Atticizing, characteristic of the Arpad period (465-390 BC).

(Andrea Carignani)

282 VISMARA, NOVELLA. *Monetazione arcaica della Licia. I. Il dinasta Wekhssere I*. (Milan, GlauX. Collana di Studi e Ricerche di Numismatica 2, Edizioni ennerre, 1989) 155 pp. illus.

The author studies and analyzes the coinage of the dynasty Wekhssere I (460-435 BC) and proposes a subdivision of the numismatic material into 13 types issued at one time by the mint of Patara and then by the cities Tlos and Xanthos.

(Andrea Carignani)

For an additional reference to the numismatics of the Ancient Near East, see the following abstract:
General, No. 16.

NEAR AND MIDDLE EAST MEDIEVAL AND MODERN

283 ARTUK, İBRAHİM and CEVRIYE. Unik Bir Artuk Sikkesi [A Unique Artuqid Coin]. *BültenTurkNumSoc* Vol. 26 (1989) pp. 9-15.

The article describes a coin that bears the name of Shirbarik the Artuqid. The historical background is detailed.

(Ömer Diler)

284 BARCELO, M. Assaig d'un Corpus numismàtic de la Taifa emiride de Deniya-Mayurqa (436-468). *Actes del IV Coloquio Hispano-Tunecino, Palma de Mallorca, 1979* (Madrid, Instituto Hispano-arabe de Cultura, 1983) pp. 43-58.

The author catalogues 100 examples.

(Leandre Villaronga)

285 BERMAN, A. Khirbet Lid. *HadArch* Part 93 (1989) p. 97 illus.

A gold dinar of the Umayyad Caliph Hisham was found on the surface of this site situated ca. 25 km to the east of ancient Dora.

(Arnold Spaer)

286 BROOME, MICHAEL. A Handbook of Islamic Coins. (London, Seaby 1985) 230 pp. illus.

287 ENDER, C. Abaka Han'in Darp Aylari Yazili Gümş Sikkeleri. M. 1265-1282 (H 663-680). [Abaqa Khan's Silver Coinage That Bears the Date as well as the Month in Which It was Struck]. *BültenTürkNumSoc* Special issue Vol. 2 (1989) 39 pp. illus.

Abaqa's coins with minting months are presented; English summaries are included.

(Ömer Diler)

288 FONTENLA BALLESTA, S. Dirhemes almahades de plama. *Gac-Num* Vol. 93 (1989) pp. 37-42.

289 HÉBERT, R.J. A Sāmānid Hoard of Nūh I Bin Naar. *NI* Vol. 23 No. 5 (May 1989) pp. 105-110 illus.

A discussion of a hoard of 23 silver coins minted between AH 339-341 minted at Bukhārā and Nisapūr is presented.

(Joseph Uphoff)

290 HÉBERT, R.J. Tabarīyya. *NI* Vol. 21 No. 11 (Nov. 1987) pp. 262-263 illus.

A gold dinar issued at Tabarīyya in 309 AH is discussed.

(Joseph Uphoff)

291 KABLE, WILLIAM S. Lost Syrian dinar found. *WCN* Vol. 16 No. 47 (21 Nov. 1989) p. 10 illus.

The background and physical characteristics of the gold AH 1338/AD1920 Syrian dinar of Faisal are described and the first confirmed appearance of an example in a 1988 auction is reported. The coin was issued by Faisal in response to French imposition of a franc-linked paper currency, scheduled to become mandatory for use on 1 May 1920. Introduction of the gold coinage was reported in a Damascus newspaper of 3 May 1920, but no example had been known until the present piece surfaced.

(Joseph E. Boling)

292 KHALAF AL-TELL, SAFWAN. Development of Coinage in Jordan.

NI Vol. 24 No. 6 (June 1989) pp. 129-139 illus.

An overview of coins that have circulated in Jordan throughout its history.
(Joseph Uphoff)

293 KOLBAS, J. Mamlūk Bronze Weights: An Extinct Species? *ANSMN* Vol. 31 (1986) pp. 203-206 illus.

294 LACHMAN, SAMUEL. Jewish Minters in the Yemen. *Shekel* Vol. 21 No. 5 (Sept./Oct. 1988) pp. 16-20.

Jewish minters in the Yemen from the time of the return of the Jews from temporary exile to Mawza' in 1090-1092 H/1679-80 until the reign of the Imām al-Mutawakkil Yaḥya Ḥamid al-Dīn are recorded.
(Author)

295 LACHMAN, SAMUEL. The Coins of the Zaidī Imām al-Mutawakkil 'ala allāh Ismā'īl b. al-Qāsim. 1054-1087 H/1644-1676. *NCirc* Vol. 97 No. 5 (June 1989) pp. 147-150; *NCirc* Vol. 97 No. 6 (July/Aug. 1989) pp. 183, 193 illus.

A description of the coins of Imām, with historical references and metrological remarks is given.
(Author)

296 LACHMAN, SAMUEL. World Mints Aid Israel. *WCN* Vol. 16 No. 33 (15 Aug. 1989) p. 10.

During the period 5709-5747 (1949-1987), 51 Israeli coins of the same denomination and the same year were struck at more than one mint. Particulars of these coins, which do not show any mint marks, are presented.
(Author)

297 LEUTHOLD, ENRICO JR. *1056 Dirham Umayyadī ed Abbasidī* (Milan, 1988) 24 pp. illus.

A hoard of 1,056 silver coins, dating from AD 706-828, is published. The find included ca. 400 different types of Umayyad and Abbasid coins (one of them of the Caliph Ibrāhīm b. al-Mahdī al-Mubārak) from 40 mint places. The average period of circulation and the yearly weight loss of the dirhams are evaluated.
(Author)

298 ŁOSIŃSKI, WŁADYSŁAW. Chronologia napływu najstarszej monety arab-skiej na terytorium Europy [Chronology of the Influx of the Oldest Arabic Coins into Europe]. *Slavia Antiqua* Vol. 31 (1988) pp. 93-181 illus. English summary.

The earliest European hoards with the Arabic element date to the late 8th and early 9th century, recorded in the East Slavic area with its Finno-Hungarian and Baltic environs as well as in Scandinavian and West Slavic territory. The coins in question date mostly ca. AD 790-809. The second wave of the influx is evidenced by the hoards dated to 840-879, containing the dirhams from 3 chronological groups: 770-779, 800-809, and 860-869. The influx of the Arabic silver to Western Europe was blocked by the Carolingian coinage.
(Andrzej Mikołajczyk)

299 MALEK, H.M. The posthumous Arab-Sasanian coinage of Khursid in Tabaristan. *NCirc* Vol. 97 No. 2 (March 1989) pp. 39-40 illus.

300 NICOLAE, EUGEN. Un lot de monede otomane din sec. 14-15 în colecția Cabinetului numismatic al Institutului de Arheologie [A Group of Ottoman Coins from 14th-15th Centuries in the Collection of the Numismatic Cabinet of the Archaeological Institute of Bucharest]. *SCN* Vol. 9 (1989) pp. 131-135 illus. French summary.

Among the coins of the collection there are also 15 Ottoman aspers from the 14th-15th centuries, issues of the Sultans Orkhan to Bayezid II. The place of discovery is unknown.
(Constantin Preda)

301 Note sobre un quirate anónimo y su problemática. *GacNum* Vol. 93 (1989) pp. 37-38.

302 NUSSBAUM, HAROLD J. Mene, Mene, Takel Upharain. *NI* Vol. 24 No. 7 (July 1989) pp. 162-163.

The linguistic and monetary evolution of the shekel is presented. (Joseph Uphoff)

303 ÖLÇER, C. Dr. Hans Wilski'nin Yemen İle İlgili Makalesine Ektir [A Postscript to Dr. Hans Wilski's Article on Yemen]. *BültenTürkNumSoc* Vol. 26 (1989) pp. 16-19 illus.

This article is a letter from Dr. Suchy about Dr. Wilski's article published in the commemorative book for İ. Artuk. In addition, 3 gold and 5 silver (heretofore unpublished) coins are discussed.
(Ömer Diler)

304 ROSSELLO-BORDOY, G. Notes numismáticas: las acuñaciones de época islámica de "Se Nostra." *Sol. Sociedad Arqueológica Luliana* Vol. 44 (Balear, Conselleria de Cultura, Educació i Esports, 1988) pp. 79-101

A lot of Islamic coins from the collection Soler Cabot in Switzerland is discussed.
(Leandre Villaronga)

305 SARI, SALIH KH. Umayyad Mints in Jordan. *Studies in the History and Archaeology of Jordan*. ('Ammān, Department of Antiquities 1990).

This study is dedicated to the mints operating in Jordan under the Umayyads (41-132 AH/ AD 661-750). Although no mints are mentioned in the written sources, many legible coins have been found in recent archaeological excavations which have taken place at different sites. In 1965-67 a group of copper coins of the standing caliph type were uncovered in the 'Ammān Forum bearing the name 'Ammān. This type dominates the period of transition between iconographic and epigraphic coinage stages. Not only the standing caliph type was issued in 'Ammān mint under the Umayyads, who revitalized the ancient mints which had ceased under the Byzantine reign, but new types were established as well, including the purely Muslim epigraphic type.

Jerash, in light of numismatic evidence, became prominent and was an active mint under the Umayyads. Similarly, the copper coins from Jerash are both Arab/Byzantine and a purely epigraphic type. (Author)

306 SIMON, HERMANN. Heinrich Nützel (1853-1934). *NumBeitr* Vol. 21 No. 3 (1988) pp. 130-131.

The author praises the exceptionally knowledgeable work of Heinrich Nützel. (Paul Arnold)

307 TAWFIQ, IBRAHIM. Dinares almorávides en la col. de improntes del IV DJ no recogidos por Hazard. *GacNum* Vol. 93 (1989) pp. 25-36.

The author describes 20 deniers. (Leandre Villaronga)

For additional references to numismatics of the Near and Middle East, see the following abstracts:

General, Nos. 17, 27.

Byzantine, No. 224.

Paper Money, Nos. 760, 766, 767.

Tokens and Jetons, Nos. 788, 795.

INDIA

308 ACHARJEE, JAHAR. Two Exceptional Coins of Ratna and Mukut Manikya of Tripura. *Sraddhanjali, Studies in Ancient Indian History, D.C. Sircar Commemoration Volume*. Edited by K.K. Dasgupta, P.K. Bhattacharyya and R.D. Choudhury. (Delhi, 1988) pp. 248-251.

309 ADAMS, LAWRENCE A. The Indian Imitations of Roman Aurei. *SAV* Vol. 17 No. 4 (Sept. 1989) pp. 68-74, 76 illus.

Major trade between India and the Roman Empire began during the Augustan period. The author discusses the imitations of Roman gold coins, often found in mixed hoards. Presumably these imitations were made by Roman traders after Rome prohibited the export of gold coins too far beyond the frontiers. (Vic Kozik)

310 BATES, MICHAEL and FALKINER, RICHARD. Two Gigantic Mughal Gold Coins. *NumDig* Vol. 12-13 (1988-89) pp. 94-104 illus.

A 1000 *tola* gold coin of Jahangir of Agra, dated AH 1022, weighing 11,935.8 g, and a 100 *muhar* coin of Shahjahan of Lahore, dated AH 1030, weighing 1094.5 g, are reproduced from the auction catalogue where the former is wrongly described as 1000 *muhar* piece. (Amiteshwar Jha)

- 311 BHARGAVA, R.R.** Two New Coins from Tripuri. *NumDig* Vol. 12-13 (1988-189) pp. 6-8 illus.

Two lead coins are described. One of them is uninscribed and bears a frog on one side and a triangle within railing and a human figure holding a spear-like object on the other. The second shows on the obverse a figure of a tortoise and the Brahmi legend **Rajno Abhaya(datasa)** around and on the reverse a tree in railing and a frog juxtaposed.
(Amiteshwar Jha)

- 312 BHATT, R.D.** Bull and Trident Type Silver Coins of Skandagupta. *Mudra Bharati Khabaranama* No. 4 (July 1988) illus.

Two silver coins of the Gupta ruler Skandagupta bearing bust on the obverse and a bull seated on a pedestal facing left and a trident in front with Brahmi legend on the reverse are described.
(Amiteshwar Jha)

- 313 BOSE, S.K.** Coinage of Tripura. *National Seminar on the Archaeology of North-East India, Oct. 26-28, 1988, Papers and Abstracts*. Edited by J.P. Singh. (Shillong, 1988) 40 pp.

A general survey of the coinage of Hill Tipperah from the Gupta period until modern times is given.
(N.G. Rhodes)

- 314 BURNS, C.A.** Coins of the Late Kushana ruler, Vasu, and the Emerging Shakas. *NumDig* Vol. 12-13 (1988-89) pp. 24-39 illus.

Gold coins of the late Kushana ruler Vasu and some other coins having some Brahmi legends are discussed and a chronological order is given to them on the basis of their gold contents.
(Amiteshwar Jha)

- 315 CHAKRABORTY, SWATI.** Some Anthropomorphic Representations of Siva on Ancient Indian Coins. *JNSI* Vol. 49 (1987) pp. 93-97.

The depiction of Siva and his iconographic features on different early Indian coin series are discussed.
(Amiteshwar Jha)

- 316 CHATTERJEE, BHASKAR.** Damma in Bengal's Currency System. *JNSI* Vol. 49 (1987) pp. 90-92.

- 317 CHOWDHURY, VASANT and ROY, PARIMAL.** Hitherto Unknown Coin of the Jayantia Kingdom. *Sraddhanjali, Studies in Ancient Indian History, D.C. Sircar Commemoration Volume*. Edited by K.K. Dasgupta, P.K. Bhattacharyya and R.D. Choudhury. (Delhi, 1988) pp. 252-253.

- 318 DAS, H.C.** The Tradition of Coinage in Orissa. *JNSI* Vol. 49 (1987) pp. 125-134.

The author gives a general survey of the different coin series which are found in Orissa.
(Amiteshwar Jha)

- 319** DESAI, Z.A. Legends on the Gigantic Mughal Coins. *NumDig* Vol. 12-13 (1988-89) pp. 105-109.

The readings of the legend on the 1000 *tola* gold coin of Jahangir and 100 *muhar* coin of Shahjahan, given by Bates and Falkiner (See *NL* 123-310), are revised.

(Amiteshwar Jha)

- 320** DEVI, K. SOBITA. Numismatics: A Source of Manipuri History. *Sources of the History of Manipur and the Adjoining Areas*. Edited by S.N. Pandey. (Imphal, 1985) pp. 51-67.

A survey of Manipuri coinage is given.

(N.G. Rhodes)

- 321** GARG, SANJAY. Suba Awadh Coin of Bahadur Shah: Further Note. *NumDig* Vol. 12-13 (1988-89) pp. 123-126.

Some documentary evidence is brought forward to show that the regnal year is 20 and not 2 as read by the author and K.W. Wiggins on a silver coin of Suba Awadh issued in the name of Mughal emperor Bahadur Shah (See *NL* 121-418). It is further suggested that this coin was a trial piece for the gold coin that was sent to King Bahadur Shah for his approval.

(Amiteshwar Jha)

- 322** GOYAL, SHANKAR. Buddhist Symbols and Buddha Image on Ancient India Coins. *JNSI* Vol. 49 (1987) pp. 109-114.

- 323** GUPTA, C.S. Forged Padmatankas from Daulatabad. *NumDig* Vol. 12-13 (1988-89) pp. 72-76 illus.

Two brass coins are described and it is suggested that they were contemporary forgeries of the Yadava gold *padmatankas*. But in a note the editor maintains that they would not be forgeries of the Yadava *padmatankas*; they might be some smaller denomination coins produced in padmatanka technique.

(Amiteshwar Jha)

- 324** GUPTA, L.C. Heavy Indian silver punch-marked coin reported. *WCN* Vol. 16 No. 37 (12 Sept. 1989) pp. 20-21 illus.

An exceptionally heavy (120 g) coin attributed to Magadha in the 6th-4th centuries BC is reported.

(Joseph E. Boling)

- 325** GUPTA, P.L. Coins of Gomitra of Varana. *NumDig* Vol. 12-13 (1988-89) pp. 9-11 illus.

A square copper coin from the collection of the American Numismatic Society with the Brahmi legends *Gomitasa* and *Varanaye* is published. In light of this coin other specimens published earlier by Cunningham and Allan are reviewed. The author suggests that Gomitra was the king of Varana and identifies it with Baran (modern Bulandshahar) of the medieval chroniclers.

(Amiteshwar Jha)

- 326** GUPTA, P.L. Western traders issue necessity coinage. *CW* Vol. 26 No. 1298 (27 Feb. 1985) p. 27 illus.

- 327 HÉBERT, R.J.** A Donation of Dies, Part II. *NI* Vol. 23 No. 1 (Jan. 1989) pp. 18-20 illus.

Three unofficial Indian State and 2 unofficial Moghul dies recently donated to the National Numismatic Collection are illustrated and described.

(Joseph Uphoff)

- 328 HÉBERT, R.J.** A Donation of Dies, Part III. *NI* Vol. 23 No. 2 (Feb. 1989) pp. 44-45 illus.

Five unofficial Moghul dies recently donated to the National Numismatic Collection are illustrated and described.

(Joseph Uphoff)

- 329 HÉBERT, R.J.** A Donation of Dies, Part IV. *NI* Vol. 23 No. 3 (March 1989) pp. 63-64 illus.

Five Moghul and 1 Indian States dies recently donated to the National Numismatic Collection are illustrated and described.

(Joseph Uphoff)

- 330 HÉBERT, R.J.** A Donation of Dies, Part V. *NI* Vol. 23 No. 4 (April 1989) pp. 94-95 illus.

Six Indian States dies recently donated to the National Numismatic Collection are illustrated and described.

(Joseph Uphoff)

- 331 HÉBERT, R.J.** A Donation of Dies, Part VI. *NI* Vol. 23 No. 5 (May 1989) pp. 117-119 illus.

Seven Moghul dies recently donated to the National Numismatic Collection are illustrated and described.

(Joseph Uphoff)

- 332 HUSSAIN, S.E.** Rare Coins of Jaunpar Sultan. *NumDig* Vol. 12-13 (1988-189) pp. 77-82 illus.

The author describes two gold coins of the years AH 841 and 842 respectively and a silver coin issued by Ibrahim Shah and two gold coins of the year AH 88, issued by Hussain Shah, Sultans of Jaunpur.

(Amiteshwar Jha)

- 333 JASH, PRANABANANDA.** Religion as Reflected in Early Indian Coins. *JNSI* Vol. 48 (1986) pp. 133-137.

- 334 JASH, PRANABANANDA.** Religion as Reflected in the Tribal Coinage. *JNSI* Vol. 49 (1987) pp. 115-120.

- 335 JOSHI, M.P.** *Morphogenesis of Kunindas: A Numismatic Overview.* (Almora, Shree Almora Book Depot 1989) 190 pp. illus.

- 336 KOTHARI, N. and MORRISON, M.** Inscribed Vishnukundin Type

Coins. *NumDig* Vol. 12-13 (1988-89) pp. 63-66 illus.

Vishnukundin-type coins with Brahmi legend **Shri Rama** are published and speculation about their issuers is made.
(*Amiteshwar Jha*)

337 KULKARNI, P.P. Coins of Maharaja Shivaji. *Mudra Bharati Khabaranama* No. 6 (Dec. 1988) illus.

338 KULKARNI, P.P. Saugar Mint and the E.I.C. Coins. *NumDig* Vol. 12-13 (1988-89) pp. 119-122 illus.

A silver coin issued by the English East India Company from Saugar in 1819 with the name **SAUGOR** written in crude Roman letters on one side is described. The functioning of the Saugar mint under the English is briefly discussed.
(*Amiteshwar Jha*)

339 KÜRKMAN, GARÖ. A Copper Coin of the Sārūkhanads. *NI* Vol. 21 No. 9 (Sept. 1987) pp. 205-207 illus.

A Mangir dated AH 814 issued by Sārūkhān Bey is discussed as well as its relationship to the issuer's family.
(*Joseph Uphoff*)

340 LAHIRI, A.N. Numismatography of Indian Princely States (Late Medieval and Modern). *JNSI* Vol. 49 (1987) pp. 188-196.

341 LAHIRI, A.N. Numismatography of Indo-British Coins. *JNSI* Vol. 49 (1987) pp. 182-187.

342 LAHIRI, A.N. Numismatography of Indo-Greek Coins. *JNSI* Vol. 49 (1987) pp. 175-181.

343 LAHIRI, A.N. Numismatography of Punch marked Coins. *JNSI* Vol. 49 (1987) pp. 155-162.

344 LAHIRI, BELA. Numismatography of Tribal Coins. *JNSI* Vol. 49 (1987) pp. 170-174.

345 LAHIRI, BELA. The eight Armed Goddess on some Gold Coins of Bengal. *JNSI* Vol. 48 (1986) pp. 148-150.

346 MAHESHWARI, K.K. A Sarangpur Rupee of Aurangzeb. *NumDig* Vol. 12-13 (1988-89) pp. 117-118 illus.

A silver coin of Aurangzeb issued from Sarangpur (Mahya Pradesh) is described.

This coin is the second Mughal Crown known to have been issued from this place; the other is a coin of Akbar, dated AH 972 (now in the British Museum).

(Amiteshwar Jha)

347 MANGALAM, S.J. Numismatography of the Western Kshatrapa Coinage. *JNSI* Vol. 49 (1987) pp. 210-217.

348 PAL, PRATAPADITYA. Siva as Dispenser of Royal Glory on Kushan Coins *Bulletin of the Asia Institute*. New series, Vol. 2 (1988) pp. 31-34 illus.

Kushan emperors considered it important to demonstrate that their royal power was derived not only from hellenistic and Iranian deities, but also Indian. Coins of Kanishka I (ca. AD 78-100) serve to substantiate G. Dumezil's scheme of three functions in ancient Indo-European mythology and society: (1) anointment by fire/water; (2) the offer of a victory garland; (3) the depiction of the god of animals, Siva himself.

(Candace Carter)

349 PARAB, APPA. Shivarace. *Mudra Bharati Khabaranama* No. 2 (Feb. 1988) illus.

Some copper coins called Shivarai, issued by Shivaji and his successors, are described.

(Amiteshwar Jha)

350 PATHAK, V.S. Motifs on Gupta Coins and Sassanian Wares-II *Num Dig* Vol. 12-13 (1988-89) pp. 40-62 illus.

The hunting scenes noticed on Gupta gold coins and on Sassanian wares are compared and contacts between the two is suggested and the impact of the latter on the coinage of the former is visualized.

(Amiteshwar Jha)

351 RAJGOR, DILIP. Coin of an Unknown Kshaharata Kshatrapa. *Num-Dig* Vol. 12-13 (1988-89) pp. 12-16 illus.

A copper coin with a standing Nike and a fragmentary Greek legend on the obverse and a Pillar with lion-capital and wheel and a circular Brahmi legend on the reverse is described. Similar coins published earlier are reviewed and the Brahmi legend is retrieved as **Kshaharatasa Kshatrapasa Aghu** (or **gu dakasa Iyanasa**). The author suggests that these coins are the issue of Kshaharata Kshatrapa Aghu (or, gudaka Iyana), a predecessor of Kshaharata Bhumaka. An interesting suggestion is made that on the coins of Bhumaska, Nike is represented by her attributes-thunderbolt, spear and shield.

(Amiteshwar Jha)

352 RAJGOR, DILIP. Three Interesting Silver Coins of the Western Kshatrapas. *Mudra Bharati Khabaranama* No. 5 (Sept. 1988) illus.

Two silver coins of the Western Kshatrapa coin type are described where the father's name of the issuer is read as Swami Satyasimha and the issuer's own name does not appear to be Rudrasimha(iii), who is known as the son of Satyasimha. Here the name is doubtfully read as Indraka. A silver coin bearing elephant standing to left on one side and three-arched hill on the other is also described. The coins of this type were known in baser metals.

(Amiteshwar Jha)

353 RAMAN, K.V. Numismatography of Tamilnadu. *JNSI* Vol. 49 (1987) pp. 197-209.

354 REBELLO, F. 2 1/2 Xerafins of 1730. *NCirc* Vol. 97 No. 1 (Feb. 1989) pp. 8-9 illus.

A new coin from Goa is described.

(Edward Besly)

355 REDDY, D. RAJA and REDDY, P. SURYANARAYANA. Svastika Type Satavahana Coins. *NumDig* Vol. 12-13 (1988-89) pp. 17-23 illus.

Three lead coins from Sangareddy (Medak district, Andhra Pradesh), bearing svastika and the Brahmi legend Ra(no) Gotamiputasa Siri Satakasnisa on the obverse and Ujjain symbol on the reverse, are described. The typological relationship with some other coin series is discussed.

(Amiteshwar Jha)

356 RHODES, N.G. On Two North-eastern Indian Coins. *Sraddhanjali, Studies in Ancient Indian History. D.C. Sircar Commemoration Volume*. Edited by K.K. Dasgupta. P.K. Bhattacharyya and R.D. Choudhury. (Delhi, 1988) pp. 140-143 illus.

A quarter rupee of Queen Phulesvari without the name of Siva Simha and an octagonal coin, perhaps a rupee (only a plaster cast is known), of Rama Simha of Jaintiapur, are published for the first time.

(Author)

357 RHODES, N.G. Two Remarkable Assamese Coins. *A Source Book of the Numismatic Studies in North East India*. Vol. I. Compiled by R.D. Choudhury. (Guwahati, 1986) pp. 183-185 illus.

An Ahom half rupee of Supungmung and a 1.5 rupee of Ramakanta Simha are published for the first time.

(Author)

358 SASTRI, P.V. PARABRAHAMA. Two Coins of Sri Rama. *NumDig* Vol. 12-13 (1988-89) pp. 67-71 illus.

Two coins of the Vishnukundin coin type bearing the Brahmi legend Sri Rama are published. The author suggests that they were issued by Prithvimaharaja of Pishtapura, who as a feudatory of Vishnukundins had rebelled.

(Amiteshwar Jha)

359 SHUKLA, S.M. and BHATT, R.D. Value of Numismatics and the Western Kshatrapa Coins. *Mudra Bharati Khabaranama* No. 1 (Oct. 1987) illus.

A silver coin of the Western Kshatrapa ruler Svami Rudrasimha III with the hitherto unknown date Saka 337 (415 AD) is published.

(Amiteshwar Jha)

360 SINGH, M.V. Some Numismatic Evidences of the Socio-Religious Factors in the Disintegration of North-Western Parts of the Mauryan Empire. *JNSI* Vol. 48 (1986) pp. 138-142.

- 361 SINGH, O.N.** On Paucity of Coins in Early Medieval Period. *JNSI* Vol. 49 (1987) pp. 135-141.

The author supports the view that there was a paucity of coins in early medieval India. (Amiteshwar Jha)

- 362 SINGH, P. GUNINDRA.** New Light on Manipur History from the Rare Coins Preserved in Mutua Museum. *Snaddhanjali, Studies in Ancient Indian History, D.C. Sircar Commemoration Volume*. Edited by K.K. Dasgupta, P.K. Bhattacharyya and R.D. Choudhury. (Delhi, 1988) pp. 254-259.

A brief survey of Manipur coinage based on 2,807 coins in the museum. (N.G. Rhodes)

- 363 SINGH, RAI JASBIR.** Religion and the Coins of Punjab under Maharaja Ranjit Singh. *JNSI* Vol. 48 (1986) pp. 150-151.

- 364 SINHA, R.K.** Coins and Mints in Mughal India. *JNSI* Vol. 48 (1986) pp. 123-126.

- 365 SOMAIYA, R.T.** New Chapter in Kutch Coins, Coins of Khengarji I. *Mudra Bharati Khabaranama* No. 3 (May 1988) illus.

Three copper coins with the Nagari legend **Sri Jama** are attributed to Khengarji, the founder of the Jadeja rulers of Kutch. (Amiteshwar Jha)

- 366 SRIVASTAVA, V.C.** The Sun-Gods on the Kushana Coins: A Historical Perspective. *JNSI* Vol. 49 (1987) pp. 100-108.

- 367 THAKUR, V.K.** Role of Guilds in Ancient Indian Urban Administration (ca. 200 BC - AD 600): A Numismatic Study. *JNSI* Vol. 49 (1987) pp. 70-76.

- 368 VERMA, T.P.** The Contribution of Early Punjab Coins to the Development of Brahmi Script. *JNSI* Vol. 49 (1987) pp. 77-82.

- 369 WAKANAKAR, V.S.** Numismatic Symbols in Rock Paintings. *JNSI* Vol. 48 (1986) pp. 73-76.

The author describes some symbols found on ancient Indian coins that are also noticed in the historic rock paintings in some rock shelters. (Amiteshwar Jha)

For additional references to the numismatics of India, see the following abstracts:

Technology and Methodolgy, Nos. 38, 39, 41.
Roman, No. 219.

FAR EAST

- 370 CASERIA, JEFF.** Cowery [Sic] Shells in Early China. *IFEN* Vol. 1 (Aug. 1989) pp. 71-75 illus.

The early uses of cowry shells as media of exchange and the influence of cowries on the ideograms used later for written Chinese are discussed. (*Joseph E. Boling*)

- 371 CASERIA, JEFF.** The riddle of Taiwan's military ration dollars. *WCN* Vol. 16 No. 36 (5 Sept. 1989) pp. 14-16 illus.

The author presents evidence that the "ration dollars" catalogued as Craig No. 25-4 and Kann No. 5 were produced on Taiwan ca. 1853 and 1790, respectively, by the Heaven and Earth Society, a Buddhist secret society supporting the restoration of the Ming Dynasty. (*Joseph E. Boling*)

- 372 CHEN GUANGSHENG.** The Investigation of the Circulating District of the Iron Coins of the Northern Song Dynasty. *China Numismatics* Vol. 2 (1989) pp. 34-37. In Chinese.

Iron coins circulated in Northern Song and, while its districts of circulation changed according to the changes in the political, military and economic situation, as a whole the area of circulation extended continuously.

- 373 DANG SHUNMIN.** The Small Iron Coins Issued in Eastern [sic] of Yellow River of the Northern Song Dynasty Discovered in Shaanxi Province. *China Numismatics* Vol. 2 (1989) pp. 17-23 illus. In Chinese.

The author discusses the discovery of iron coins in Shaanxi Province.

- 374 DONG QINGXUAN.** A Brief Exploration of Private Made [sic] Counterfeit Coin of the Xinjiang Coin. *China Numismatics* Vol. 3 (1989) pp. 8-12 illus. In Chinese.

The privately made coins of poor quality were struck by the people; counterfeit coins were manufactured by an antique dealer. The author discusses some of the privately made coins and counterfeit coins of Xinjiang coins and indicates the problems with the counterfeits.

- 375 FLORINE, IVAN.** *International Far-Eastern Numismatics News* No. 1. (Brussels, The Author, August 1989) 80 pp. illus. In French and English.

Five introductory articles dealing with the development of traditional Chinese coinage, the importance of accurate descriptions of observed pieces, the standards for descriptions an editor desires, and reasons for collecting, plus a biographical chronology of the Chinese emperors from the Ch'in and Western Han dynasties (221 BC-AD 25) are presented. (*Joseph E. Boling*)

- 376 FLORINE, IVAN.** *International Far-Eastern Numismatics News* No. 2. (Brussels, The Author, October 1989) 90 pp. illus. In French and English.

Three short introductory articles dealing with ancient Chinese coinage and a

biographical chronology of the Chinese emperors from the Eastern Han through the Western Chin dynasties (AD 25-317) are presented. (Joseph E. Boling)

377 FLORINE, IVAN. Une Bibliotheque de Numismatique Extreme-Orientale. Deuxieme partie. *IFEN* No. 2 (Oct. 1989) pp. 6-7.

A critical bibliography of Far Eastern numismatics is given. Entries are classified in 4 groups from "must own" to "avoid". Rare and difficult-to-use books are marked. (Joseph E. Boling)

378 GALLOWAY, ALBERT. Chinese Discover Silver Coins. *WCN* Vol. 16 No. 21 (23 May 1989) pp. 14-28 illus.

The circumstances of the introduction of Chinese native crowns are outlined. The major part of the article is a listing of every Chinese crown listed in the 12th edition of the *Standard Catalog of World Coins*, with all Chinese inscriptions translated and their locations on the coins described. (Joseph E. Boling)

379 HU XUEYUAN. The Porcelain Coin Issued by the Puppet Manchuria State Should be Magnesium Coin. *China Numismatics* Vol. 4 (1989) p. 65. In Chinese.

At the end of WWII, Japan issued in the northeastern part of China a kind of purple or yellow coin, which was named "porcelain coin," but, according to the Japanese Puppet file, it is a kind of coin made of oxidized magnesium, which should be named "magnesium coin."

380 HUANG CHENG. A Talk on the Problem Related to the Circulation of Silver in Southern Song Dynasty, Based on the Discoveries from Excavations. *China Numismatics* Vol. 2 (1989) pp. 49-55. In Chinese.

See abstract of Li's article, *NL* 123-385.

381 JIANG RUOSHI. The Study of the Mould of Half Tael Cash of the Qin Han Period in Non-Consecutive Dynasties. *China Numismatics* Vol. 4 (1989) pp. 3-15 illus.

Through the study of the record of the documents and the excavation of the mould of the "half tael" copper cash, the change of the form of currency and the development of the technology of minting were investigated.

382 KLEIST, CH.-E. VON. Die Frühen Münzen Nepals und die Verwendeten Metalle. *Westfalia Numismatica 1988, Schriftenreihe der Münzfreunde Minden*. Vol. 13 (1988) pp. 52-61.

Twelve Nepalese copper coins of the Lichhavi dynasty are analyzed; one is found to have 34 percent iron, several have a lead content between 15 and 51 percent, while others are nearly pure copper. (Nicholas Rhodes)

383 LEI RUNZHE, YU CUNHAI and HE JIYING. The "Da Chai Tong

Bao" Silver Coin and the Zhong Tong Yuan Bao Jiao Notes Discovered at the Double Pagoda at Bai Si Kou, Ningxia Province. *China Numismatics* Vol. 4 (1989) pp. 28-31 illus. In Chinese.

384 LI BAOHUA. A Great Collection of Chinese Historical Currency—A Review on the First Volume *Currency of Early Qin Dynasty* from *The Great Series of Chinese Historical Currency Over the Dynasties*. *China Numismatics* Vol. 3 (1989) p. 63. In Chinese.

385 LI ZHAOCHAO. The Position of Silver in the Currency Economy of the Song Dynasty. *China Numismatics* Vol. 2 (1989) pp. 56-60. In Chinese.

This paper, together with NL 123-380 by Huang, analyzes the role of silver in the economic activities of taxation, circulation and payment between the government and public, based on the silver ingots excavated and their inscriptions and historical records.

386 LIN MEICUN. A Study of Khotan Coin with Chinese Characters. *China Numismatics* Vol. 3 (1989) pp. 3-7 illus. In Chinese.

A kind of circular copper coin with rectangular hole in the center was discovered in Khotan county, Xinjiang Uygur Autonomous Region. Seven pieces are now known. These coins were cast in the mid-2nd century in Khotan Kingdom and, thus, reflect not only the Chinese culture, but also the Central Asian culture. The coin was gradually replaced by the Sino-Kharosthi coin after AD 175.

387 NOVAK, JOHN A. *A Working Aid for Collectors of Annamese Coins*. Revised edition. (Merced, CA, Joel Anderson, 1989) 118 pp. illus.

A slightly revised, remarkably well-reproduced, photo offset copy of the original work is published. Revisions consist of corrected (by pen-and-ink) transliterations of characters appearing on the coins and the addition of catalog-number and alphabetical indexes. (Joseph E. Boling)

388 QIN REN. The Iron Master Coin Seen in Xi'an. *China Numismatics* Vol. 2 (1989) p. 67. In Chinese.

The author has collected some rubbings of coins of the Song Dynasty, which are master coins used for pressing coin molds in money making.

389 REIS, BOB. Cobs get hammered, punched, and clipped. *WCN* Vol. 16 No. 22 (30 May 1989) p. 18 illus.

A small hoard of unusual chopped Philip V cobs of Mexico is described. Three different styles of chops were used, and the coins were clipped between the application of the second and third styles. A hypothesis concerning the coins' arrival in China and subsequent disposition is presented. (Joseph E. Boling)

390 RHODES, N.G. An Unpublished Yuan Dynasty Coin. *ONSN* No. 103 (1986) p. 5 illus.

A cast cash reading "Ta Yuan Chin Ho" may be an unrecorded Yuan Dynasty coin. (Author)

391 RHODES, N.G. Silver in the Himalayas. *Newsletter* (Journal of the London Numismatic Club) Vol. 7 No. 14 (Jan. 1989) pp. 3-7 illus.

A general survey of the silver coinages of the Himalayan area and a discussion of the light that is shed by them on trans-Himalayan trade links. (Author)

392 RHODES, N.G., GABRISCH, K. and VALDETTARO, C. *The Coinage of Nepal from the Earliest Times Until 1911*. (London, Royal Numismatic Society Special Publication No. 21, 1989) 249 pp. illus.

A comprehensive catalogue of Nepalese coins issued during the Lichhavi period (ca. 576-700), the Medieval period (ca. 1100-1560), the period of Malla kings of Kathmandu, Patan and Bhatagaon (ca. 1560-1768) and the present Shah dynasty up to 1911. Included are coins with Arabic inscriptions struck in Sirmur, Garhwal and Almora during the Nepalese occupation of these territories. The historical and economic background to the various coinages is discussed in the text. An extensive bibliography is included. (Author)

393 RHODES, N.G. Two Annamese cash in the names of Ming emperors. *ONSN* No. 114 (1988) pp. 4-5 illus.

Two small cash with Ming dynasty reign titles, Chien Wen and Yung Lo, were probably made in Annam. (Author)

394 RHODES, N.G. Two Tibetan Pattern Coins. *ONSN* No. 105 (1987) p. 8 illus.

Two copper pattern pieces are illustrated, a 50 srang dated 1951 and a 5 srang dated 1953. (Author)

395 SONG SHAN and MIN XUEYI. A Study of Da Kang Tong Bao (A Big Silver Coin). *China Numismatics* Vol. 3 (1989) pp. 32-34 illus. In Chinese.

A piece of circular silver coin with square hole in the center was discovered in Chi Feng, Inner Mongolia. The coin was struck in the Liao Dynasty of North China during the 11th century.

396 TURK, FRANK A. On an Unrecorded Coin of the Sung Dynasty and its Historical Significance. *IFEN* No. 2 (Oct. 1989) pp. 48-51 illus.

A unique value-500 cash piece inscribed "Shun Yu T'ung Pao" (AD 1241-1252) is presented and its legitimacy discussed. The author links chisel marks observed in the coin with the recorded division of similar value-100 pieces into sections, but does not reach a conclusion about whether this piece is currency or amuletic.

(Joseph E. Boling)

397 VAN GELDER, E. *De Japansche Regeering haar papieren betaalmiddelen uitgegeven in Nederlandsch-Indie 1942-1945*. (Heerlen, The Netherlands, The Author, 1988) 54 pp. illus. In Dutch and English.

A comprehensive history of Japanese currency issues in the Netherlands East Indies is given, followed by a catalogue of the same in English. The author includes supporting decrees and ordinances.
(Joseph E. Boling)

398 WANG CHIEN-YU. China Dispatches: Napoleon, five sheep and the Numismatic 12 come together like brothers. *WCN* Vol. 13 No. 11 (18 March 1986) pp. 24-26 illus.

399 WANG SHENGDUO. Some Problems on the Iron Coins of the North of Yangtse River of the Southern Song Dynasty. *China Numismatics* Vol. 2 (1989) pp. 43-48 illus. In Chinese.

This paper is concerned with the problems of the chronology and area of circulation, the related mint, mintage, composition and purchasing power of the iron coins in the north of the Yangtse River in the Southern Song Dynasty.

400 YAN FUSHAN. Some Iron Coins of the Northern Song Dynasty Discovered in Shaanxi Province. *China Numismatics* Vol. 2 (1989) pp. 3-16 illus. In Chinese.

401 YAN HONGXI. The "Chan Hua Yuan Bao" Gold Coin Discovered at Wu Tai Mountain. *China Numismatics* Vol. 2 (1989) p. 42. In Chinese.

In 1988, a hoard of gold coins was discovered at the holy land of Buddhism, Wu Tai Mountain; the reverse depicts the relief of the portrait of Buddha. The coins were donations to the temple.

402 YIE SHICHANG. Some Revision of the "Chinese Monetary History." *China Numismatics* Vol. 3 (1989) pp. 52-57. In Chinese.

The "Chinese Monetary History," written by Mr. Peng Xinwei, is a significant work with a great impact both at home and abroad. Some outdated historical data are revised.

403 YIH, T.D. Sino-Dutch Numismatic Relationships (Chop and be chopped). *NCirc* Vol. 97 No. 1 (Feb. 1989) pp. 6-7 illus.

Dutch coins with Chinese chopmarks and vice-versa are discussed.

(Edward Besly)

404 YUAN LIN. A Brief of the Iron Coins Excavated at the Castles Zizhou, Wupu of the Song Dynasty in the Northern Part of Shaanxi Province. *China Numismatics* Vol. 2 (1989) pp. 24-27 illus. In Chinese.

405 ZHANG JIQI and YAO SHUOMIN. Recommendation to the Two Monograph on Studying the Silver Ingot. *China Numismatics* Vol. 3 (1989) pp. 64-65. In Chinese.

406 ZHANG PING. Discovery of Kucha Coin Model During the Archaeological Studies in Xinjiang. *China Numismatics* Vol. 3 (1989) pp. 38-40 illus. In Chinese.

The discovery of the Kucha model for coinage during the archaeological excavation in Xinjiang reveals that people of the Kucha area cast the Wu Zhu coin according to the monetary policy of the Chinese government between the 5th and 8th centuries.

407 ZHANG SHANXI and CHEN XIANDAN. A Brief Exploration of the Shell Money of San Xing Dui Culture in Sichuan Province. *China Numismatics* Vol. 3 (1989) p. 48 illus. In Chinese.

A large number of bronze wares of Shu State were found in San Xing Dui of Guang Han County, Sichuan Province, the period of which is that of the Shang Dynasty. At the same time a great quantity of sea shells were found, which were very similar to those found in Henan and Yunnan Provinces.

408 ZHU HUA. A Trial Talk on the Ping Yang Square Foot Spade Coin. *China Numismatics*. Vol. 2 (1989) pp. 28-33 illus. In Chinese.

The author analyzes the origin and place of minting in the Warring States Period of the Square Foot Spade Coin with the words "Ping Yang," based on the places of excavation, the words and calligraphy, and historical record.

409 ZHU HUO. A Preliminary Probe of the Viewpoint of Currency of Confucius. *China Numismatics* Vol. 4 (1989) pp. 37-43 illus.

According to the investigation of some ancient papers and materials from an excavation, the attitude of Confucius towards commodity economy and currency is positive.

For additional references to the numismatics of the Far East, see the following abstracts:

Technology and Methodology, Nos. 40, 44.

Oceania, No. 647.

Paper Money, Nos. 757, 758, 764, 770, 780, 781, 782, 783, 784, 785, 786.

Tokens and Jetons, Nos. 797, 801, 804.

AFRICA

410 CRAWFORD, JOHN R. Cowry shells traditional money for African people. *CW* Vol. 30 No. 1542 (1 Nov. 1989) pp. 114, 130 illus.

The primitive money found in the National Museum of Malawi is described. The author reports that Quiggin attributed very little material as indigenous to that area of East Africa, but he describes a particularly striking copper piece taken from a local grave and reports a local ethnographer's description of how imported how money influenced the traditional economy.
(*Joseph E. Boling*)

411 DE MARAIS, JOHN. Angola: Out of Africa come coins with a distinctive Portuguese accent. *WCN* Vol. 13 No. 11 (18 March 1986) pp. 14-20 illus.

412 HUMPHRIS, JOHN G. Tale of the tower: both sides of a modern African coin have a story to tell. *WCN* Vol. 13 No. 16 (22 April 1986) p. 12 illus.

The author discusses a type which appears on the money of Zimbabwe, Rhodesia and Southern Rhodesia.
(*Candace Carter*)

For an additional reference to the numismatics of Africa, see the following abstract:

Paper Money, No. 735.

GREAT BRITAIN AND IRELAND

413 BIGGS, NORMAN. Weights of Henry VII and Henry VIII. *NCirc* Vol. 97 No. 3 (April 1989) pp. 81-82 illus.

414 BREHM, E.M. The 1953 penny. *NCirc* Vol. 94 No. 5 (June 1986) p. 148 illus.

415 BROAD, ALAN. Rosa Sine Causa? *SCMB* No. 838 (March 1989) pp. 38-44.

The Rose mark on the 1662 silver crowns of Charles II is discussed.

(*Edward Besly*)

416 BULLMORE, G.H.L. 1662 Rose below: resurgens. *SCMB* No. 840 (May 1989) pp. 102-104.

Metal provenance marks on English silver coins of the 17th and 18th centuries are discussed.
(*Edward Besly*)

417 FINNEY, FREDERICK M. George V's gold sovereigns: these gold coins are some of the more popular world issues among collectors. *WCN* Vol. 14 No. 5 (3 Feb. 1987) p. 10 illus.

418 HUGHES, LES. Slang Terms for Pre-Decimal English Coinage. *NI* Vol. 22 No. 2 (Feb. 1988) pp. 38-39.

A glossary of commonly used slang used by the English to refer to their coins is presented. *(Joseph Uphoff)*

419 KUTCHER, R.R. A Gold Florin and a Gold Halfcrown. *NI* Vol. 24 No. 8 (Aug. 1989) pp. 177-178 illus.

A discussion of the efforts to authenticate a florin of 1922 and a halfcrown of 1927 are presented. *(Joseph Uphoff)*

420 KUTCHER, R.R. British Patterns by Blondeau and Ramage. *NI* Vol. 22 No. 12 (Dec. 1988) pp. 294-295 illus.

Patterns for Commonwealth coinage created in 1651 by Blondeau and Ramage are discussed. *(Joseph Uphoff)*

421 KUTCHER, R.R. England's Hammered Coinage Ends Under Charles II. *NI* Vol. 22 No. 4 (April 1988) pp. 80-81 illus.

Hammered crowns of 1662 and 1663 as well as a half crown of 1662 are discussed. *(Joseph Uphoff)*

422 KUTCHER, R.R. Recoinage in 1695 Replaced Britain's Hammered Coinage. *NI* Vol. 24 No. 7 (July 1989) pp. 164-165 illus.

The reasons for and the laws regarding the recoinage of 1695 are presented. *(Joseph Uphoff)*

423 MIKOŁAJCZYK, ANDRZEJ. *Polish Museums. Anglo-Saxon and Later Medieval British Coins. Sylloge of Coins of the British Isles.* Vol. 37 (Oxford, 1987) 78 pp. illus.

The catalogue of 459 Anglo-Saxon and later British medieval coins in the Polish museums as well as the essential information of the coin hoards with the Anglo-Saxon and later British elements are presented. *(Author)*

424 MASS, JEFFREY P. Blundered obverse legends in Short Cross Class IV. *NCirc* Vol. 97 No. 1 (Feb. 1989) pp. 4-5.

425 MASS, JEFFREY. Short Cross Class IV (asterisk). *NCirc* Vol. 97 No. 2 (March 1989) p. 46.

426 NORTH, J.J. An amended reading for Class 8a pence of the Berwick Mint. *NCirc* Vol. 97 No. 1 (Feb. 1989) p. 5 illus.

427 PAGAN, HUGH and STEWART, IAN. A new Mercian moneyer for Alfred's Lunette type. *NCirc* Vol. 97 No. 1 (Feb. 1989) p. 8 illus.

A coin of the moneyer Cuthulf is discussed. *(Edward Besly)*

428 REITER, ED. On the side of history: tracing 1,100 years of the British Royal Mint. *WCN* Vol. 13 No. 25 (24 June 1986) p. 12 illus.

429 STEWART, IAN. Unpublished Norman coins from the Shillington hoard. *NCirc* Vol. 97 No. 4 (May 1989) p. 115.

The author lists 11 new varieties of William II and Henry I. (*Edward Besly*)

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

India, No. 341.

Western and Central Europe, Nos. 452, 453, 477.

Medals and Decorations, Nos. 663, 667.

Paper Money, No. 758.

Tokens and Jetons, Nos. 792, 793.

WESTERN AND CENTRAL EUROPE

430 AAGAARD, SVEN. Stempelundersøgelse af norske randskriftspecier 1687-1696. *NNUM* Vol. 8 (1989) pp. 162-177 illus. In Danish.

The author has established the number of dies (15 obverse/25 reverse) used for the striking of Norwegian "specietaler" in the period 1687-96. The total number of coins struck is 98,718 giving an average number per die of 4,700 for these large pieces. (*Ulla Westermarck*)

431 AHUMADA SILVA, ISABEL. Le monete ostrogote in Friuli. *Aquileia e le Venezie nell'altomedioevo, Antichità altoadriatiche* Vol. 32 (Udine, Arti Grafiche Friulane 1988) pp. 413-426 illus.

The author publishes 12 Ostrogoth coins of silver and bronze in the Museo Nazionale Archeologico of Aquileia. The coins were struck under the Kings Theoderic, Athalaric, Theodahad, Witigis and Totila. (*Andrea Carignani*)

432 ARNOLD, PAUL. Johann Friedrich Klotzschs Versuch einer chur-sächsischen Münzgeschichte. Von den ältesten, bis auf jetzige Zeiten—ein Beitrag zur münzgeschichtlichen Literatur im Umkreis von Adauctus Voigt. *Mikuláš Adauctus Voigt - zakla - datel české vědecké numismatiky*. (Brno, 1988) (*Or Studia numismatica et medailistica* No. 7) pp. 145-150.

The author praises the numismatic work of Johann Friedrich Klotzsch. The work principally concerned the literature of Saxon-Thuringian monetary history in the 18th century. The author discusses the relationship between Klotzsch and Adauctus Voigt. (*Author*)

433 ARNOLD, PAUL. Wann wurden die Thüringer oder Helmgroschen in den wettinischen Landen geprägt? Eine Richtigstellung zu G. Röblitz, Beiträge zur hessischen Groschenprägung (II). *GN* Vol. 24 No. 131 (1989) p. 121 illus.

Archival sources which mention *grossi clipeati* in 1393 are used to criticize the date of the introduction of the Helmgroschen in 1405 by Röblitz. (Peter Ilisch)

434 ARSLAN, ERMANNIO. La monetazione dei Goti. *XXXVI Corso di Cultura sull'arte ravennate e bizantina*. Ravenna, 14-22 aprile 1989. (Bologna, Edizioni del Girasole 1989) pp. 17-72 illus.

In a full, articulate work the problems regarding the fundamental aspects of Gothic coinage in Italy are treated. (Andrea Carignani)

435 Avstamp-för en ny Sigtunaforskning. Proceedings of a Seminar held at Sigtuna on 26th November 1987. *Sigtuna museer*. (Sigtuna 1989) 153 pp. illus.

The publication contains short summaries on the coinage at Sigtuna ca. 995-1030 by Brita Malmer (pp. 74-75) and on the coinage of Anund Jacob and Cnut in the 1020s by Lars O. Lagerqvist (pp. 68-69). (Ulla Westermarck)

436 BENZAKEN, J.-Ch. Attribution d'une pièce d'essai de la Révolution à Henri Auguste. *BSFN* Vol. 42 No. 4 (April 1987) pp. 184-186 illus.

437 BESLY, E.M. Two new parcels of Crusader gold fragments. *Coin Hoards* Vol. 7 (1985) pp. 421-432 illus.

438 BOMPAIRE, M. and LAHAUR, J. L'épave de l'Aber-Wrec'h (Plonguernau, Finistère). Une bourse de monnaies castillenes et bretones du XVe siècle. *BSFN* Vol. 44 (1989) pp. 629-632.

The authors discuss six Castilian coins which were found with two Breton coins. (Leandre Villaronga)

439 BONANNO, MAURIZIO. Un inedito denaro siciliano di Carlo I d'Angiò, ovvero riclassificazione di una moneta erroneamente attribuita. *Sicilia archeologica* Vol. 16 (Trapani, EPT Trapani ed., 1983) pp. 115-117 illus.

The author attributes to Charles I of Anjou a denarius issued by the Messina mint, formally assigned to James of Aragon. (Andrea Carignani)

440 BORNSCHEUER, UWE. Christian Juncker (1668-1714). *NH* No. 57 (Suhl, 1989) pp. 18-25.

The author lauds Christian Juncker as a historian and numismatist. (Paul Arnold)

441 BREM, HANSJÖRG. Ausgrabungen in Konstanz—Münzfunde

1984-1988. *Beiträge zur Heimatkunde der Stadt Schwelm und ihrer Umgebung* Vol. 38 (1988) (Schwelm 5830, Verein für Heimatkunde, Haus Martfeld 1) pp. 341-347 illus.

The excavations in the city Konstanz from 1984 to 1988 brought to light 60 numismatic items, ranging from Celtic and Punic to Roman (including one Corinthian) coins, medieval and one modern (mostly from southern Germany and Switzerland), and finally some counters and jetons. All the coins are listed and a map indicates find spots. (Peter Ilisch)

442 BRIGGS, DAVID G. Punishments to Fit the Crime. *NI* Vol. 24 No. 8 (Aug. 1989) pp. 183-186 illus.

A brief history of anti-counterfeiting laws in France between 1220 and ca. 1800 is presented. (Joseph Uphoff)

443 CENTENO, RUI M.S. Circulação monetária no Noroeste de Hispânia até 1982. *Nummus* Vol. 1 (1989) p. 302.

The author discusses the Portuguese zones of the north and studies the hoards and sporadic finds as well as coins in museums. (Leandre Villaronga)

444 COLAERT, M. A propos de la pièce de 20 centimes en cupronickel de Léopold Ier. *Vie num* Vol. 39 No. 1 (Jan. 1989) pp. 17-19.

All Belgian 20 centimes-pieces of King Leopold I made of copper-nickel were struck in 1861, even those referring to the year 1860. The author includes other examples of Belgian coins struck some years later than the date mentioned on the coin itself. (Johan van Heesch)

445 COUPLAND, S. In palatio nostro: les monnaies palatines de Charlemagne. *BSFN* Vol. 41 No. 7 (July 1986) pp. 87-89.

446 CUNZ, REINER. Die Fundmünzen aus der Branntweinstube. *Das Rathaus in Duderstadt. Forschungen der Denkmalpflege in Niedersachsen* Vol. 6 (Niedersächsisches Landesverwaltungsamt 1989) pp. 181-194 illus. ISBN 3-87585-096-3.

In archaeological research in the city hall of Duderstadt 30 coins were found in the room of a former tavern. Most of these coins are from the 16th century; all are small change originating from Lower Saxony and southern Germany. The author discusses the composition of the finds and the historical importance. (Peter Ilisch)

447 DENGIS, JEAN-LUC. Fausses monnaies de collection. *Vie num* Vol. 39 No. 1 (Jan. 1989) pp. 31-32 illus.

Two forgeries of modern coins of the Netherlands are presented: a 2 1/2 florin struck in 1841 and a coin of 25 cents struck in 1926. (Johan van Heesch)

448 DENICKE, JÜRGEN. Anmerkungen zu den Kreuzbrakteaten des

nördlichen Harzes. *GN* Vol. 24 No. 131 (1989) pp. 113-116 illus.

The author groups and discusses 12th century bracteates from Lower Saxony (Goslar or Gittelde, Hildesheim and Hannover) with an ornamented cross. (*Peter Ilisch*)

449 DHÉNIN, MICHEL. Le "louis d'Aix," une appellation non contrôlée. *BSFN* Vol. 42 No. 4 (April 1987) pp. 182-183.

450 DUPLESSY, JEAN. *Les trésors monétaires médiévaux et modernes découverts en France. I. 751-1223*. [Or *Trésors Monétaires*. Suppl. I] (Paris, Bibliothèque nationale 1985) 158 pp. illus.

451 DUTKOWSKI, JAROSŁAW. Monety z kanału Raduni [The Coins from the Radunia Canal]. *WN* Vol. 31 (1987, publ. 1989) pp. 213-226 illus. English summary.

The Radunia canal crossing the Old Town of Gdansk since the 15th century was drained in 1982 revealing at least 906 coins and 37 counters, dated from the 15th to the 20th century. New varieties are included.

(*Andrzej Mikołajczyk*)

452 ELIAS, E.R. DUNCAN. Notes on Anglo-Gallic coins. *NCirc* Vol. 97 No. 3 (April 1989) p. 84 illus.

A blanc au léopard of Edward III and a counterfeit of the type are published. (*Edward Besly*)

453 ELIAS, E.R.D. Anglo-Gallic Notes. *NCirc* Vol. 97 No. 4 (May 1989) p. 113 illus.

A petit blanc of Henry VI is reattributed from Dijon to Rouen and a first issue denier parisis of Henry VI of Amiens is published. (*Edward Besly*)

454 FENGLER, HEINZ. Berlin als Bankplatz im 18.-20. Jahrhundert. *NH* No. 48 (Berlin, 1989) pp. 55-61.

The author describes the development of banking in Berlin in the last two hundred years. (*Paul Arnold*)

455 FÖRSCHNER, GISELA. Ein Schatzfund aus Stettin. *GN* Vol. 24 No. 132 (1989) pp. 176-179 illus.

The author describes and discusses a parcel of 29 coins, presumably from a church graveyard in Stettin/Pomerania, which comprising coins from Braunschweig, Minden, Poland (13), Prussia (7), Silesia (7) and Danzig, buried after 1577. (*Peter Ilisch*)

456 GAJ-PIOTROWSKI, WILHELM. Rejestr spadkowy z 1726 r. Kazimierza Jachowskiego, proboszcza z Goźlic [The 1726 Inheritance Register of Kazimierz Jachowski, a Parish Priest from Goźlice]. *WN* Vol. 31 (1987, publ. 1989) pp. 230-233.

K. Jachowski, canon of the Opatów chapter and parish priest in Goźlice near Sandomierz, Little Poland, died in 1726. His private possessions were valued at over 1,345 ducats—352 ducats and smaller coins (mostly foreign).

(*Andrzej Mikołajczyk*)

457 GIEBEL, CHRISTIAN. Erläuterungen zu einem Denar des Kölner Erzbischofs Sigewin (1079-89) im Münz-Kabinett des Museums Haus Martfeld. *Beiträge zur Heimatkunde der Stadt Schwelm und ihrer Umgebung* Vol. 38 (1988) (Schwelm 5830, Verein für Heimatkunde, Haus Martfeld 1) pp. 145-147 illus.

A Cologne pfennig-type Hävernich 390—acquired for the Schwelm Museum—is discussed.

(*Peter Ilisch*)

458 GILLES, KARL JOSEF. Ein neues merowingisches Gewicht. *Trierer ZGeschKunst* Vol. 51 (1988) pp. 511-512 illus.

A Merovingian lead weight with bronze coat (99.8 g), recently found in Mainz, reveals a double striking which is comparable to Merovingian gold coins.

(*Peter Ilisch*)

459 GOLABIEWSKI LANNBY, MONICA. Kring ett nyfunnet guldmynt i Nyköping [A Gold Coin Recently Found at Nyköping]. *SNT* Vol. 2 (1989) pp. 32-36 illus. In Swedish.

The author presents a gold piece of 6 mark, 1609, found in the excavations at Nyköping. Other finds of gold coins from Karl IX (1604-1611) are discussed.

(*Ulla Westermarck*)

460 GOMES MARQUES, M., PEIXOTO, J.M., GOMES MARQUES, T. and ARAUJO, F.D. Tipologia dos reais brancos de Dom João I. *Nummus* (1989) pp. 7-32.

461 HACKL, JOSEF. Kommentar till "käppryttarna" på Nürnberg-mynt till minne av freden 1650 [Annotations to the "Cockhorse-riders" on Nuremberg Coins in Memory of the Peace Treaty in 1650]. *SNT* Vol. 1 (Feb. 1989) pp. 4-6 illus.

The historical background of these interesting coins is given. (*Bengt E. Hovén*)

462 HALAČKA, IVO. Čwierćtalar Ferdynanda II z mennicy wrocławskiej [Ferdinand II's Quarter-Thaler from the Wrocław Mint]. *WN* Vol. 31 (1987, publ. 1989) pp. 227-229 illus. German summary.

An unknown Silesian quarter-thaler of Ferdinand II struck in 1628 in the Wrocław mint is described.

(*Andrzej Mikołajczyk*)

463 HAMMER, PETER. Über Platin und seine Verwendung für Münzen und Medaillen. *Uhren und Schmuck Berlin* Vol. 22 No. 2 (1985) pp. 42-44.

The author discusses platinum and its use for coins and medals in the 19th and 20th centuries.
(Paul Arnold)

464 HÁSKOVÁ, JARMILA and WEILLER, RAYMOND. Příspěvek k soupisu trevírských ražeb [A Contribution to the List of Coins Struck in Trier]. *NS(Czech)* Vol. 18 (1989) pp. 79-91 illus. German summary.

The author describes 139 coins of archbishops of Trier from the 11th to the 13th centuries. The coins are deposited in the National Museum at Prague.
(Z. Nemeškalová-Jiroudková)

465 HOLLEVOET, Y. Westkerke (W.-V1.): karolingische denier. *Archéologie* No. 2 (1988) p. 172 illus.

At Westkerke in the province of West Flanders (Belgium) a silver denarius of Charlemagne struck in Tours (France) was found.
(Johan van Heesch)

466 HOLMBERG, KJELL. Silverberget eller Söderköping? En diskussion kring Albrekt av Mecklenburgs örtugar LL 9 och 10 [Silverberget or Söderköping? A Discussion of the Örtugs LL 9 and 10 Struck Under Albrecht of Mecklenburg]. *SNT* (1 Feb. 1989) pp. 10-12 illus.

The author shows with great probability that the örtugs struck under the Swedish king Albrecht of Mecklenburg (1363-1389) were struck in the town of Söderköping.
(Bengt E. Hovén)

467 ILISCH, PETER. Rietberger Münzen. *700 Jahre Stadt Rietberg*. (Rietberg, Alwin Hanschmidt 1989) pp. 281-289 illus.

The coins struck for the counts of Rietberg from the end of the 15th century to 1766 are surveyed.
(Author)

468 JENSEN, JØRGEN STEEN. Christian III.s hvid uden årstal [The Hvids of Christian III Without Dates]. *NNUM* Vol. 3 (April 1989) pp. 49-51 illus.

An enigmatic coin "hvid" struck under the Danish king Christian III (1534-1559) lacking a date is the latest coin in two hoards found in Denmark.
(Bengt E. Hovén)

469 JENSEN, UNO BARNER. Trankebarmønter i Government Museet i Madras [Coins from Trankebar in the Government Museum at Madras]. *NNUM* Vol. 8 (1981) pp. 178-184 illus. In Danish.

During a journey to India the author inventoried the Danish coins from Trankebar (1620, 1845) in the museum. He registered 94 pieces of which 48 were false.
(Ulla Westermarck)

470 KLEIN, ULRICH. Die deutsche Münzprägung gegen Ende des 12. Jahrhunderts und der "Barbarossa-Fund." *SNR* Vol. 65 (1986) pp. 205-218 illus.

471 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg 1988*. (Stuttgart, Dieter Planck, Konrad Theiss Verlag, 1989) pp. 331-341 illus. ISBN 3-8062-0583-3; ISSN 0724-8954.

Coins found in 1988 in Württemberg are reported in this article. The coins include a 2nd century bronze hoard, several groups of Roman coins found in various excavations, eight gems, a parcel of eleven hellers from the end of the 12th or beginning of the 13th century and a hitherto unknown southern German bracteate from ca. 1240.

(Peter Ilisch)

472 KLEINAU, HEINZ. Die Münze zu Aschersleben. *NH* No. 58 (Halle 1989) pp. 46-50.

The author is concerned with the history of the Aschersleben mint during the Middle Ages.

(Paul Arnold)

473 KLUGE, BERND and SAAL, WALTER. Der Münzfund von Merseburg (1987), verborgen nach 1752. *NumBeitr* Vol. 21 No. 3 (1988) pp. 115-116.

The hoard of Merseburg, discovered in 1987, comprised 63 German, Austrian and Swiss small coins of the 17th and 18th centuries.

(Paul Arnold)

474 KLÜSSENDORF, NIKLOT. Der "Kupferwechsel" des Alchimisten Johann Steitz für die Herrschaft Schmalkalden. Ein frühneuzeitliches Projekt zur Geldschöpfung. *Bankhistorisches Archiv. Zeitschrift für Bankengeschichte* Vol. 15 No. 1 (1989) (Frankfurt A.M., Fritz Knapp Verlag) pp. 3-19.

In 1625, after the great monetary crisis of 1618-1622, the issue of copper tokens was suggested by Johann Steitz, an alchemist, for the Hessian sovereignty of Schmalkalden (Thuringia). The project included the compulsory exchange of gold and silver coin, fiscal controls of all payments, and raising of a public loan to pay for the coinage of copper at a face value of 500,000 thalers. The copper tokens, only partly based on bullion, were to be used as credit-instruments. Though not realized, the project is evaluated as an early example of banking.

(Author)

475 KOPICKI, EDMUND. *Katalog podstawowych typów monet i banknotów Polski oraz ziem historycznie z Polską związanych* [Catalogue of the Coin and Note Fundamental Types of Poland and the Lands Historically Connected with Poland]. Vol. 9 Part 1 (Warsaw 1985) 400 pp.; Vol. 9 Part 2 (Warsaw 1985) 205 and 108 pp. illus.

The criteria and elements of classification as well as the heraldic representations on the coins complement the previous series of the catalogues concerned with Polish coins and notes.

(Andrzej Mikołajczyk)

476 KRAMER, HEINZ J. Münzfunde im Essener Münster. *Münster am Hellweg* Vol. 42, (1989) (Essen, Münsterbauverein e.V., Verein für Erhaltung des Essener) pp. 5-22 illus.

During excavations in the Essen monastic church in 1951-52 four coins were found which are discussed in detail, including their archaeological context. They are a Cologne heller of 1481, a Palatinate heller 1464-68, an Essen vierling 1378-80 and a 14th century crude Mecklenburg hohlpfennig. (Peter Ilisch)

477 KROMANN, ANNE and JENSEN, JØRGEN STEEN. C.J. Thomsen som numismatiker [C.J. Thomsen as a Numismatist]. *Aarbøger Nord. Oldk. Hist.* (1988) pp. 97-112 illus. In Danish; English summary.

The numismatic bibliography of Thomsen is added to the article. Thomsen was not a man who published his knowledge in print, although he was a prolific writer of letters (cf. *NL* 123-538, I. Wiséhn). Nevertheless, his numismatic publications cover 35 items, mostly from English, Belgian and German journals. (Authors)

478 KÜHN, WALTER. Otto IV. oder Otto das Kind - Ein Löwenbrakteat mit der Umschrift: **OTTO.DVX.IN BRVNESWIC.** *GN* Vol. 24 No. 130 (1989) pp. 67-68 illus.

A bracteate with a lion hitherto attributed to Duke Otto the Child (1227-1252) is reattributed to Otto IV (1195-1198), before being elected king. (Ulrich Thoden)

479 KUNZEL, MICHAEL. Der Brakteatenfund von Stintenburg/Westmecklenburg. *Commentationes Numismaticae, Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 235-246.

The author reconstructs the hoard discovered in 1843 in Stintenburg (Kreis Hagenow), which contained bracteates from Holstein and Schauenburg, Mecklenburg and Lubeck, dating from the 13th century. (Paul Arnold)

480 KURPIEWSKI, JANUSZ. *Zarys historii pieniądza polskiego* [Outline History of Polish Money]. (Warsaw, 1988) 134 pp. illus.

A survey of the Polish coin types from the late 10th to the present is given. (Andrzej Mikołajczyk)

481 LAGERQVIST, LARS O. Gåvor från de numismatiska stiftelserna till Kungl Myntkabinettet 1988 (2) [Gifts from the Numismatic Foundations to the Royal Coin Cabinet, Stockholm, in 1988]. *SNT* Vol. 7 (1989) pp. 158-159 illus.

Nine rare gold and silver coins are described and illustrated. (Ulla Westermarck)

482 LAUERWALD, PAUL. Noch einmal: Der Konradsbrakteat. *GN* Vol. 24 No. 130 (1989) p. 66.

The attribution of a bracteate of Konrad III to Mühlhausen in an article by G. Röblitz published earlier in the same journal is rejected by the author. (Ulrich Thoden)

483 LIBERO MANGERI, GIUSEPPE. La monetazione medievale di

Salerno, Rassegna Bibliografica. *Rassegna Storica Salernitana* Vol. 11, n.s., (1989) (Salerno, P. Laveglia 1989) pp. 345-389.

The author collects and discusses the research as well as the most important and significant studies, dating from the 17th century to the present, concerning the activity of the mint of Salerno in the medieval epoch. (Andrea Carignani)

484 LINK, EBERHARD. Über die gängige Fehldatierung eines Goldgulden-Typs der Rheinischen Pfalzgrafschaft. *GN* Vol. 24 No. 133 (1989) pp. 211-215 illus.

The author resumes the discussion about the correct dating of golden guilders of the Palatinate with a large shield surrounded by three small ones and stresses that these guilders should be dated ca. 1423-1425. (Peter Ilisch)

485 MALCHOW, HERMANN. Henri François Brandt - Prägungen für Preussen. *NH* No. 48 (Berlin, 1989) pp. 38-54.

The report contains a complete description of the struck Prussian coinage of Henri François Brandt. (Paul Arnold)

486 MALMER, BRITA. The Sigtuna Coinage c. 995-1005. *Commentationes de nummis saeculorum IX-XI in Suecia repertis*. Nova series 4. (Stockholm, 1989) 120 pp. illus.

In this work on the oldest Swedish coinage 300 dies and 1,100 coins, most Aethelred-imitations with blundered legends, are described in detail. Three major die-chains (35, 43 and 96 dies, respectively) constitute the core of the investigation. Style, weights, aim and circulation of this primitive (up to 40 percent square coins), but surprisingly large coinage are discussed. The work is the first in a planned series of three, referring to the blundered Aethelred-imitations in Swedish hoards from the Viking period. (Author)

487 MATEU Y LLOPIS, F. Comentarios a un "Catálogo de los ponderales monetarios del Museo Arq. Nacional". Addenda despues de medio siglo. *GacNum* Vol. 94-95 (1989) pp. 103-113.

488 MĘCLEWSKA, MARTA, SZCZECINA, ANNA and PASZKIEWICZ, BORYS. *Srebro Funduszu Obrony Narodowej* [Silver of the National Defense Fund]. (Warsaw, Royal Castle Museum 1989) 63 pp. illus.

The silver objects donated by Poles to the National Defense Fund prior to the outbreak of WWII were sent abroad on 18 September 1939 when Poland was invaded by the German and Soviet armies. In the 50th anniversary celebration the objects were exhibited—over 15,000 works of art and almost 250,000 coins—in the Royal Castle in Warsaw. (Andrzej Mikołajczyk)

489 MEERT, CHRISTIAN. Les monnaies luxembourgeoises de l'atelier de Méraude sous Henri VII (1288-1309) et Jean l'Aveugle (1309-1346). Essai

de classement chronologique. *CENB* Vol. 26 No. 1 (Jan.-March 1989) pp. 15-21.

A survey of the coins struck at the mint of Méraude in the province of Namur (Belgium) is given. *(Johan van Heesch)*

490 MENZINSKY, HANS. Halvöre Göteborg (1610) fanns redan 1609 [Half Öre of Gothenburg (1610) Already Existing in 1609]. *SNT* (4/5 May 1989) pp. 110-112 illus.

Starting from a letter from the moneyer in Gothenburg Bencker to the Swedish King Charles IX (1599-1611) and the king's letter to the assayer Weiler, the author concludes that 1/2 öre from Gothenburg hitherto known only from 1610 existed already in 1609. *(Bengt E. Hovén)*

491 MEVIUS, JOHAN. *Speciale catalogus van de Nederlandse munten van 1795 tot heden* [Special Catalogue of the Coinage of the Netherlands from 1795 to the Present]. Met Ned. West-Indie, Suriname, Curacao, Ned. Antillen. (Vriezenveen, Mevius Numisbooks 1985) 130 pp. illus.

492 MIKOŁAJCZYK, ANDRZEJ. Donatywa gdańska z błędnym herbem miejskim w zbiorze Magyar Nemzeti Muzeum [The Gdańsk Donation Piece with Wrong Municipal Arms in the Collection of the Magyar Nemzeti Museum]. *PracMat* No. 8 (1988, publ. 1989) pp. 103-105 illus. English summary.

The Gdańsk donation piece of 15-ducat weight from 1614 displays on the reverse the shield with two vertical bars instead of two crosses. *(Author)*

493 MIKOŁAJCZYK, ANDRZEJ. Late 16th and 17th Polish Coins in Greece. *ArchAnAth* Vol. 18 (Athens, 1985, publ. 1988) pp. 196-204.

A detailed outline of the circulation of 16th and 17th Polish coins in Greece is given. The author discusses some very important hoards of this period found in Greece and now in the collection of the Numismatic Museum of Athens.

(Mando Oeconomides)

494 MIKOŁAJCZYK, ANDRZEJ. Legnicki floren Wacława I w zbiorach numizmatycznych Słowackiego Muzeum Narodowego w Bratysławie [The Legnica Florin of Wacław I in the Numismatic Collection of the Slovak National Museum in Bratislava]. *PracMat* No. 8 (1988, publ. 1989) pp. 67-68 illus. English summary.

The Silesian florin of Wacław I (1342-1364) struck after ca. 1345 is described.

(Author)

495 MIKOŁAJCZYK, ANDRZEJ. Pieniądz w Kaliszu w wieku XIV [Money in Kalisz in the 14th Century]. *Rocznik Kaliski* Vol. 21 (1989) pp. 9-18 illus.

The monetary circulation in Kalisz, Great Poland, and the local minting of denari in the 14th century are discussed in light of the numismatic discoveries. (*Author*)

496 MIKOŁAJCZYK, ANDRZEJ. Skandynawskie imitacje monet anglosaskich z początku XI w. znalezione na Kujawach i Ziemi Sieradzkiej [Scandinavian Imitations of the Anglo-Saxon Coins of the Early 11th Century Found in Kujavia and Sieradz Land]. *Rocznik Muzealny* Vol. 2 (1988, publ. 1989) pp. 27-45 illus.

The Long Cross imitative penny bearing the retrograde legends **EDELRED R. PIN SIGE MO EAXE** is known in die-duplicates from four Polish hoards as well as from the Coin Rooms in Copenhagen and Stockholm (Hild. 605-606). Other imitations are also discussed. (*Author*)

497 MUHL, KLAUS. Der Münzfund im Celler Schloss vom 24. Januar 1989. *GN* Vol. 24 No. 133 (1989) pp. 225-227 illus.

A hoard of 87 bracteate pfennigs and larger silver denominations found in Celle in a purse deposited in 1537 or shortly thereafter is listed. The coins are from mints east of the river Weser. (*Peter Ilisch*)

498 MÜLLER, JÜRGEN. Eine Brandenburger Prägung König Wenzels als Markgraf von Brandenburg (1373-1378). *NH* No. 48 (Berlin, 1989) pp. 12-16.

The author describes an obol from Brandenburg, dating from the Luxembourg period. (*Paul Arnold*)

499 MÜLLER, JÜRGEN. Mittelalterliche Gedächtnisprägung auf die Verleihung der Markgrafenwürde an Otto II. von Brandenburg im Jahre 1184. *NumBeitr* Vol. 22 No. 1 (1989) pp. 14-16.

The author explains the unusual coinage of Margrave Otto II as commemorative. (*Paul Arnold*)

500 MUSIAŁOWSKI, ADAM. *Obieg monetarny na Kujawach w okresie średniowiecza* [Monetary Circulation in Kujavia in the Middle Ages]. (Toruń, District Museum in Toruń 1988) 32 pp. illus.

A popular survey of the medieval coin finds from the Kujavian region is presented. (*Andrzej Mikołajczyk*)

501 New French mint director sets four goals: seeks new coins for circulation, 'best' collector coins. *CW* Vol. 28 No. 1417 (10 June 1987) p. 68 illus.

The article discusses the background and goals of Patrice Cahart. (*Candace Carter*)

502 NOLLOMONT, LUC. A propos de trois monnaies obsidionales. *Vie*

num Vol. 39 No. 4 (April 1989) pp. 131-134.

The historical context of three French siege coins relating to the sieges of Casale (1629), Landan (1700) and Mainz (1790) is given. (Johan van Heesch)

503 OLIVEIRA, F., CAMILO, F., LUNA, I. DE. Mais dos lotes de moedas do tesouro de Torre (Sta. Maria de Emeres, Valpaços). *Nummus* Vol. 9/10 (1989) pp. 115-150.

The authors discuss a lot of 478 coins. (Leandre Villaronga)

504 PALOL I SALELLAS, P. DE. *El Bovalar (Serós; Segrià). Conjunt d'època paleocristiana i visigòtica.* (Diputació de Lleida Generalitat de Catalunya, 1989) 28 pp.

The author discusses a hoard containing 19 Visigothic coins, 13 from Tarraconensis and one unpublished coin from Caesaraugusta. (Leandre Villaronga)

505 PÁNEK, IVO. Vídeňská hřivna v první polovině 13. století [The Mark of Vienna in the First Half of the 13th Century]. *NS(Czech)* Vol. 18 (1989) pp. 61-68. German summary.

The author rejects the weight 241.5-243 g for the mark of Vienna and believes it to be 263.13 g. (Z. Nemeškalová-Jiroudková)

506 PANVINI ROSATI, FRANCO. Aspetti economici ed origine della monetazione nell'Italia del nord. *Storia e cultura a Padova nell'età di S. Antonio.* (Padua, Istituto per la Storia Ecclesiastica Padovana 1985) pp. 113-120.

The author discusses the problem of the passage in northern Italy from the Carolingian coinage, concentrated in a limited number of mints, to the municipal coinage of the 12th and 13th centuries. A substantial continuity of the activity of issues is discussed for the beginning with its multiplicity of new workshops.

(Andrea Carignani)

507 PEARCE, REX F. France's 10F coin fiasco. *CCN* Vol. 25 No. 1 (12-25 May 1987) p. 10.

508 PESANT, ROBERTO. An Unknown Coin of the Crusades. *NI* Vol. 21 No. 9 (Sept. 1987) pp. 212-213.

A coin the author attributes to the period of Guy of Lusignan is discussed.

(Joseph Uphoff)

509 PFEIFFER, HEINZ. Ostthüringische Silbergruben der Rixa von Niederlothringen als Rohstoffquelle ihrer um 1050 zu Saalfeld geprägten Hochrandpfennige. *Zeitschrift für Archäologie Berlin* Vol. 20 (1986) pp. 51-63.

The author discusses silver mining as a condition for the minting of Hochrandpfennigs in Saalfeld by Queen Rixa of Poland. (Paul Arnold)

510 PHILLIPS, M. Designer bracteates. *NCirc* Vol. 97 No. 3 (April 1989) pp. 79-81 illus.

The forgeries of Nicholas Seeländer are discussed. (Edward Besly)

511 PILET-LEMIÈRE, J. Deniers inédits de Rouen à la légende **METROPOLIS**. *BSFN* Vol. 40 No. 5 (May 1985) pp. 639-640.

512 PILET-LEMIÈRE, J. Trois deniers découverts à Landévennec attribués à Eudon de Penthievre: 1040-1047. *BSFN* Vol. 40 No. 5 (May 1985) pp. 637-639 illus.

513 PINIŃSKI, JERZY. Skarb monet z Rawy Mazowieckiej a problematyka mennictwa i obiegu brakteatów na Mazowszu w XIV wieku [The Hoard from Rawa Mazowiecka and the Problem of the Bracteate Mintage and Circulation in Mazovia in the 14th Century]. *PracMat* No. 8 (1988, publ. 1989) pp. 69-80 illus. English summary.

The hoard of 61 bracteates found in Rawa Mazowiecka, Mazovia, represents the 14th century issues of the Teutonic Order as well as a previously unknown type (the bust), attributed by the author to the Mazovian princes. (Andrzej Mikołajczyk)

514 POSSELT, GERT. En udbredt nørrejysk mønttype fra ca. 1100-50 [A Widespread Coin-Type from Northern Jutland c. 1100-50]. *NNUM* Vol. 4 (1989) pp. 73-76 illus.

The author demonstrates that the attribution to Svend Grathe (1146-57) and Schleswig of a certain group of Danish medieval coins cannot be maintained, as hoard evidence shows that the coins originate from northern Jutland. (Ulla Westermarck)

515 RAFF, ALBERT. Die Münzen und Medaillen der Württembergischen Nebenlinie Weiltingen (-Brenz). *Berichte* Vol. 29 No. 165 (1989) pp. 617-651 illus.

The Weiltingen branch line of the Dukes of Württemberg, created in 1617, struck coins during the Kipper Crisis in 1622/23 and during the Second Kipper Crisis in 1692/93 in the village of Brenz. In 1631-32 the Stuttgart-Berg mint of the main branch was used. Details about these issues are given. All coins and medals struck for this duchy are described in detail and illustrated. (Peter Ilisch)

516 REGOUDY, F. Monnaies Mérovingiennes de Seine Maritime. *Vie num* Vol. 39 No. 2 (Feb. 1989) pp. 49-51.

The author gives a survey of the less than 30 Merovingian coins found in Seine Maritime (France) and already known ca. 1860 by the French archaeologist Cochet. (Johan van Heesch)

517 RÖBLITZ, GÜNTHER. Beiträge zur hessischen Groschenprägung

II: Die Groschenprägungen Ludwigs I. (1413-1458) bis 1444. *GN* Vol. 24 No. 130 (1989) pp. 69-73 illus.

The author describes the groschen issues of the Hessian Ludwig I (1413-1458) up to 1444. Common features and differences between the Meissner groschen and the Hessian groschen are shown. The exact differences between the various Hessian issues are described and put into historical context.
(Ulrich Thoden)

518 RÖBLITZ, GÜNTHER. Zum Prägebeginn der Thüringer Helm- und Meissner Grundtypgroschen mit Kreuzinterpunktion. Auch eine Antwort auf die Richtigstellung von Paul Arnold in *GN* 131. *GN* Vol. 24 No. 132 (1989) pp. 173-175 illus.

The author defends with hoard evidence his chronology of the introduction of Thuringian Helmgroschen to 1405.
(Peter Ilisch)

519 SACCOCCI, ANDREA. Ripostigli di monete medievali nella regione veneta. *Storia e cultura a Padova nell'età di S. Antonia* (Padua, Istituto per la Storia ecclesiastica padovana 1985) pp. 121-128.

The first review and the list of the finds of the hoards from the Veneto (many subsequently dispersed) yield a date between the 11th and the 14th century.
(Andrea Carignani)

520 SACCOCCI, ANDREA. Ripostigli di monete veneziane citati nelle carte manoscritte di Vincenzo Lazzari (1823-1864). *Bollettino del Museo Civico di Padova* Vol. 76 (1987) (Padua, Soc. Coop. Tipografica 1989) pp. 305-321.

Vincenzo Lazzari, director of the Museo Correr of Venice between 1851 and 1864 and famous scholar of medieval numismatics, did not succeed in publishing his great work *Monetazione generale dei Dogi*, himself. The work and its publication are discussed.
(Andrea Carignani)

521 SAINZ VARONA, F.A. Hallazgos monetarios en la Provincia de Burgos III. *GacNum* Vol. 93 (1989) pp. 43-54.

The author discusses the most important hoard of San Anton of Lerma, which comprises 73 medieval Castilian coins.
(Leandre Villaronga)

522 SCHMIDT, ANDRZEJ. Ciężkie denary Bolesława Chrobrego - kilka uwag [Few Remarks on the Heavy Denarii of Boleslav the Brave]. *WN* Vol. 31 (1987, publ. 1989) pp. 234-249 illus. English summary.

The heavy denarii of Boleslav the Brave (992-1025) weighing from 1.338 to 1.75 g are discussed in order to propose the new dating of different types: **Gnezdun Civitas** (992-995), **Dux Inclitus** (995-1000), **Princes Polonie** (1005-1010) and **Rex** (1007-1013).
(Andrzej Mikołajczyk)

523 SIMENSEN, CHRISTIAN J. Hvem utmyntet brakteater med kongehode en face i tiden 1263-1319? [Who Minted Bracteates with Facing

Heads in the Period 1263-1319?]. *NNUM* Vol. 7 (1989) pp. 142-147 illus. In Norwegian.

The author concludes that the coins were struck under Erik Magnusson (1280-1299). His opinion is based on an examination of the rich coin material found in Norwegian churches. (Ulla Westermarck)

524 SIMENSEN, CHRISTIAN J. Utmyntning under Håkon V Magnusson [Coinage Under Håkon V Magnusson]. *NNUM* Vol. 3 (April 1989) pp. 38-44 illus.

The coins struck under the Norwegian King Håkon V (1299-1319) are described concerning their different types and percentages of silver and copper as distributed over different periods of his reign. The economic situation of that king and financial documents from his time are also considered together with coin hoards from that time. (Bengt E. Hovén)

525 STEGUWEIT, WOLFGANG. Der Beitrag sächsisch-thüringischer Münzforscher im 18. Jahrhundert zur Entwicklung der mittelalterlichen und neuzeitlichen Numismatik. *Mikuláš Adautus Voigt - zakladatel české vědecké numismatiky*. (Brno, 1988) (Or *Studia numismatica et medaillistica* No. 7) pp. 153-161.

The author gives a scientific overview of the research concerning Saxon-Thuringian coinage in the 18th century. (Paul Arnold)

526 STEGUWEIT, WOLFGANG. Zur Brakteatprägung im Saale-Unstrut-Gebiet im 13. Jahrhundert. *Commentationes Numismaticae 1988, Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht*. (Hamburg, 1988) pp. 227-234.

The author is concerned with the hoard of Nebra, discovered in 1986, which is a stylistically connected group of 156 pieces and believes them to be a gift of Vargula. (Paul Arnold)

527 STRAUSS, JOHN. Andreas Hofer commemoratives: Austria honors a national hero. *Num* Vol. 99 No. 10 (Oct. 1986) pp. 2051-2051 illus.

528 SZCZUREK, TADEUSZ. Stosunki pieniężne Nowej Marchii od około 1380 do 1530 roku [Monetary Relations of Nova Marchia from ca. 1380 to 1530]. *PracMat* No. 8 (1988, publ. 1989) pp. 81-102 illus. English summary.

The author discusses the late medieval monetary situation in Nova Marchia in light of coin hoards and written records. The domestic Brandenburg bracteates and Pomeranian denarii were the essential currencies. (Andrzej Mikołajczyk)

529 SZCZUREK, TADEUSZ. Znaleźiska pojedyncze monet późnośredniowiecznych na przykładzie Środkowego Nadodrza i Pomorza Zachodniego [Single Finds of the Late Medieval Coins From the Example of the Middle

Odra Region and Western Pomerania]. *WN* Vol. 31 (1987, publ. 1989) pp. 193-204. English summary.

The author analyzes 275 coins (13th-15th century) excavated in western Pomerania and the middle Odra region, paying attention to the nature of the finds, chronology and origins of the coins (mainly Pomerania and Brandenburg).

(Andrzej Mikołajczyk)

530 TALVIO, TUUKKA. *Suomen rahapaja 125 vuotta. Historiaa ja nykypäivää* [The Mint of Finland 125 Years]. (Helsinki, Suomen rahapaja 1989) 103 pp. illus. English summary.

The mint of Finland struck its first coins in 1864 in Helsinki. In 1988 the mint was transferred to Vantaa near Helsinki. A new series of coins will be put into circulation in 1990-93.

(Author)

531 TODESCA, J. The Monetary History of Castile-Leon (ca. 1100-1300) in light of the Bourgey hoard. *MN* Vol. 33 (1988) pp. 129-204.

The author gives an extensive commentary on the coinage of Castile-Leon.

(Leandre Villaronga)

532 TONDO, LUIGI. Scarlino, II, Il tesoro. *Ricerche di Archeologia altomedievale e medievale* Vol. 15. (Florence, All'Insegna del Giglio 1988) 47 pp. illus.

The author publishes a hoard of 100 gold coins found in a wall of Canonica del Castello of Scarlino in Tuscany in the course of an archaeological excavation in 1982. The coins, struck in the mints of Florence, Siena, Venice, Rome, Bologna, Milan, Genoa and Hungary, date to the first half of the 14th century and the period of deposit in the middle of the century.

(Andrea Carignani)

533 TUREK, RUDOLF. Początki mennictwa czeskiego [The Beginnings of the Czech Coinage]. *PracMat* No. 8 (1988, publ. 1989) pp. 27-47. English summary.

The first Czech coins were struck in Prague castle immediately after 955 by Boleslav I, in the 980s the coins were struck at Libice and Malin by Sobieslav Slavnikovic, and only about 999 were the next coins struck by Boleslav II at Vyšehrad.

(Andrzej Mikołajczyk)

534 VANNI, FRANCA MARIA. Le monete di Ripafratta rinvenute nella campagna di scavo 1987. *Archeologia medievale* Vol. 15 (1988) (Florence, All'insegna del Giglio 1989) pp. 430-438 illus.

The author publishes 21 coins dating between the 13th and 20th centuries from the excavation of the vault of the Ripafratta castello. The majority of the finds date to the 15th century and were struck by the mints of Siena and Florence.

(Andrea Carignani)

535 VESELY, ZDENEK. Malta's Coinage Rich in History. *WCN* Vol. 14 No. 22 (2 June 1987) pp. 33-36 illus.

536 VOGEL, JOCHEN. Steinacher Notgeld und sonstige Geldersatzzeichen. *NH* No. 57 (Suhl, 1989) pp. 46-63.

The author discusses the emergency money of Steinach. (Paul Arnold)

537 WINSEMAN FALGHERA, E. Il problema dei denari vecchi e nuovi di Volterra nel secolo XII. *Rassegna Volterrana* Vol. 58 (1982) (Volterra, Editrice Accademia dei Sepolti) pp. 113-132 illus.

The author discusses the problem of the role of the Volterranean denarius in the political and economic life of the city in the 17th century. The coinage was struck by the episcopal authority under the control of the municipality. (Andrea Carignani)

538 WISÉHN, IAN. C.J. Thomsen och B.E. Hildebrand 1838-1865. *Aarbøger Nord. Oldk. Hist.* (1988) pp. 113-128. English summary.

The article is based on the correspondence between the famous Danish museologist and numismatist C.J. Thomsen (1789-1865) and his younger Swedish colleague B.E. Hildebrand (1806-1884), for whom Thomsen acted as a teacher. Hildebrand, who became an eminent Viking Age numismatist, always pointed out his debt to the Danish scholar. (Ulla Westermarck)

539 WISÉHN, IAN. Samuel Hoffmeister och andra svenska vaxpousserare. *SNT* Vol. 4/5 (1989) pp. 104-107. In Swedish.

The article contains a list of Swedish artists, who are known to have made wax models. (Ulla Westermarck)

540 ŻABIŃSKI, ZBIGNIEW. Rozwój systemów pieniężnych w Europie zachodniej i północnej [The Development of Monetary Systems in Western and Northern Europe]. (Wrocław, Warsaw, Cracow, Gdnask, Lodz, 1989) 167 pp. illus. English summary.

The author presents a comprehensive study dealing with the historical developments and mutual relations of the monetary systems and their standards from the middle ages to the modern period in the Western European and Scandinavian countries. (Andrzej Mikołajczyk)

541 ZEDELIUS, VOLKER. Noch einmal "Gold aus Jülich" - Zufällig entdeckt: eine vierte Goldklippe aus Jülich. *Das Rheinische Landesmuseum Bonn. Berichte aus der Arbeit* No. 1 (1989) p. 14 illus.

A fourth gold clipping of 10m ducats from the siege of Jülich is described. (Peter Ilisch)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 1, 4, 5, 6, 8, 9, 15, 21, 25, 28, 29, 30, 31, 32, 35.

Technology and Methodology, Nos. 37, 43, 46, 50.

Byzantine, Nos. 224, 225, 262.

Near and Middle East, No. 298.

Far East, No. 403.

Africa, No. 411.

Medals and Decorations, Nos. 653, 655, 656, 657, 658, 659, 660, 661, 664, 665, 668, 669, 670, 671, 672, 673, 675.

Paper Money, Nos. 734, 736, 737, 741, 742, 746, 750, 751, 774, 775.

Tokens and Jetons, Nos. 791, 799.

EASTERN EUROPE AND THE BALKANS

542 ALADJOV, JOVKO. Molybdobulles di chantier "residence de l'archeveque de Preslav." *Numizmatika* Vol. 23 No. 1 (1989) pp. 27-32 illus. In Bulgarian; French summary,

The author publishes 8 seals, found during the archaeological excavation at Veliki Preslav. Two among these seals bear the portraits of the Bulgarian King Petar and his wife Irina. (I. Youroukova)

543 BATCHVAROV, IVAN. Monnaies d'argent contremarquées du tsar bulgare Ivan Alexandre. *Numizmatika* Vol. 23 No. 1 (1989) pp. 23-27 illus. In Bulgarian; French summary.

The author studied 2 types of countermarks found on the silver coinage of the Bulgarian king Ivan Alexander. The first, representing 2 concentric circles, is found on the type "the king alone." These coins are marked at the same time as the silver coins of Serbia and Bosnia which circulated in the territory of Dobroudja. The second type of countermarks, round with a triangular shield, is used to mark the coinage bearing the portrait of Ivan Alexander with his son Michael Asen.

(I. Youroukova)

544 BERCIU, ADINA-DRAGHICESCU and CIUBOTEA, D. *Marele Mircea Voievod* [The Great Mircea Prince]. (Bucarest, 1987) pp. 81-87.

At Brebeni, Olt county, in 1980 a hoard of medieval Romanian coins from Vladislav I and Mircea the Great and of Bulgarian coins from Sracimir and Hungarian from the 14th-15th centuries was discovered. Another hoard found at Roşiori de Vede, Teleorman county, comprises coinage from Prince Mircea. (Constantin Preda)

545 DOTCHEV, CONSTANTIN. Déterminations iconographiques et chronologiques de quelques monnayages bulgares du XIVe s. *Numizmatika* Vol. 23 No. 1 (1989) pp. 14-23 illus. In Bulgarian; French summary.

The author studies the copper coinage of the following Bulgarian kings: Theodore

Svetoslav, Ivan Alexander and Queen Theodora (struck in 3 chronological and statistical variants) and Ivan Srztzimir and Queen Ana. (*I Youroukova*)

546 FIALA, ANTON and KELLER, IGOR. Nález mincí z 13.storočia v Bratislave-Devíne [A Coin Hoard from the 13th Century in Bratislava-Devín]. *NS(Czech)* Vol. 18 (1989) pp. 69-78 illus. German summary.

A hoard containing 32 coins from the years 1230-1250 came to light at the archaeological excavations. (*Z. Nemeškalová-Jiroudková*)

547 FUCHS, WILLY. Peter II. von Russland und seine Münzen. *GN* Vol. 24 No. 131 (1989) pp. 122-125 illus.

548 GEDAI, ISTVÁN. Regina Civitas - Regia Civitas. *Szent István Archikon* '88. (Békéscsaba, 1988) unnumbered pages.

The coins of the first Hungarian king, St. Stephen, show that Hungary is Hungarian and European at the same time. (*Author*)

549 HAMMER, PETER. Einführung von Nickelgeld im zaristischen Russland durch Münzfüsse zum Scheitern verurteilt. *NumBeitr* Vol. 21 No. 3 (1988) pp. 117-118.

The author describes the means by which nickel coinage was introduced into Imperial Russia. (*Paul Arnold*)

550 HANC-MAIKOWA, EWA. Plomby druhicznyńskie ze zbiorów Muzeum Archeologicznego i Etnograficznego w Łodzi [The Drohiczyn Lead Seals from the Collection of the Archaeological and Ethnographical Museum in Lodz]. *PracMat* No. 8 (1988, publ. 1989) pp. 49-66 illus. English summary.

Drohiczyn was an important town on the Polish-Ruthenian frontier in the 11th-13th centuries. The lead seals used in marking the trading goods bear different images, which are discussed by the author. (*Andrzej Mikołajczyk*)

551 ILIESCU, OCTAVIAN. Dreptul monetar în statul vlaho-bulgar al primilor Asănești (1187-1218) [The Monetary Right in the Walachian-Bulgarian State of the First Asans (1187-1218)]. *Răscoala și Statul Asăneștilor* [The Asans' Uprising and State]. (Bucarest, 1988) pp. 103-113. French summary.

The Walachian-Bulgarian state created and led by the first Asans had probably the right to mint its own coins only after the coronation of Ioniță (1204). This right was granted by the Pope Innocent III. (*Constantin Preda*)

552 KÁLDES, ISTVÁN. Gondolatok III. Béla király rézpénzeiről [Thoughts on Copper Coins of King Béla III]. *AzÉrem* Vol. 2 (1988) pp. 5-11.

The author connects the copper coins of Béla III with the crusade in 1189. The

knights passing through Hungary bought foodstuffs with these copper coins. According to the author, the legend **REX STS** means *Rex Sanctus*, namely King Ladislaus I. The coins in the East were struck in the style of the *kalizes* Islamic people.

(István Gedai)

553 KÖHEGYI, MIHÁLY. Pénzfergalmi nehézségek Trecsén megyében 1849 februárjában [Difficulties in the Circulation of Money in the Comitatus Trecsén in February 1849]. *AzÉrem* Vol. 2 (1988) pp. 22-23.

The author publishes the letter written to Prince Windischgrätz during the War of Independence in 1848/49. The letter describes the lack of silver coins and Austrian notes.

(István Gedai)

554 KOVÁCS, LÁSZLÓ. A Dbg. 1706/a denár hátlap-i éremképéről [On the Reverse of the Dbg. 1706/a type denar. *AzÉrem* Vol. 2 (1988) pp. 1-5.

An architect (Géza Kállay, *NK* [1987/1988]) believes that the Carolingian church on the reverse of the Dbg. 1706/a type denar represents the chapel of Saint Peter in Székesfehérvár. The author refutes this contention.

(István Gedai)

555 KREJČÍK, TOMÁŠ. Moravské nálezy mincí předbělohorského období 1526-1618 [The Moravian Coin Finds from the Period Before the Battle of Bílá Hora 1526-1618]. *NS(Czech)* Vol. 18 (1989) pp. 117-135. German summary.

The analyses of 62 hoards containing 14,427 coins are given. This material reflects the economic development in Moravia in the years 1526-1618.

(Z. Nemeškalová-Jiroudková)

556 KREJČÍK, TOMÁŠ. Nález moravských denárů ve Starém Městě, m. č. Uherské Hradiště [The Find of Moravian Deniers in Uherské Hradiště - Staré Město]. *NS(Czech)* Vol. 18 (1989) pp. 55-60 illus. German summary.

Four deniers from the 11th-12th centuries, two of them previously unknown, are discussed.

(Z. Nemeškalová-Jiroudková)

557 MACIASZEK, JANUSZ. Polish coins commemorate U.S. revolution. *CW* Vol. 28 No. 1400 (11 Feb. 1987) p. 75 illus.

558 MAJEWSKI, ARTHUR J. The Coinage of the Duchy of Kurland. *NI* Vol. 21 No. 8 (Aug. 1987) pp. 180-191.

A brief history of Kurland and a descriptive catalogue of the coins are presented.

(Joseph Uphoff)

559 MARGOS, ARA. Matrice pour sceaux de cire de la forteresse médiévale d'Ocetch. *Numizmatika* Vol. 23 No. 1 (1989) pp. 34-36 illus. In Bulgarian; French Summary.

The author publishes a lead matrix for wax seals, discovered during archaeological excavations of a church in the medieval fortress Ovetch (district of Varna). The author dates the new matrix to the second half of the 14th century on the basis of analogies with King Ivan Chichman. (I. Youroukova)

560 MIKOŁAJCZYK, ANDRZEJ. Tłok menniczy z getta łódzkiego [The Mint-Die of the Lodz Ghetto]. *PracMat* No. 8 (1988, publ. 1989) pp. 153-164 illus. English summary.

The unique mint die of the Lodz ghetto for striking the 10 mark coins of 1943 is presented and the ghetto mint activities under the Nazi occupation are discussed in light of new archival evidence. (Author)

561 MIKOŁAJCZYK, ANDRZEJ. Wstępna charakterystyka monet nowożytnych ze znalezisk drobnych w Polsce [A Tentative Characteristic of Modern Coins from the Single Finds in Poland]. *WN* Vol. 31 (1987, publ. 1989) pp. 205-212 illus. English summary.

Stray finds recorded in 11 Polish localities provided 544 coins from the 16th to the 18th centuries. Their denominations, chronology and provenance are analyzed in order to find some general pattern of composition. (Author)

562 NECHANICKÝ, ZDENĚK. Neznámý nález pozdně středověkých mincí [An Unknown Coin Find from the Late Middle Ages]. *NS(Czech)* Vol. 18 (1989) pp. 210-213 illus.

The author discusses 45 small coins hidden after the year 1485 and the question of the debasement of their weight during cleaning the finds and the possibility of reckoning their original weight. (Z. Nemeškalová-Jiroudková)

563 NĚMEČKOVÁ, VĚRA. Druhá část nálezů pražských grošů krále Jana Lucemburského v Nechanicích [The Second Part of the Hoard of Prague Groats of the King Johann from Luxembourg found in Nechanice]. *NS(Czech)* Vol. 18 (1989) pp. 93-110 illus. German summary.

The author analyzes 38 coins from the 14th century with the aid of a new computer method. (Z. Nemeškalová-Jiroudková)

564 NEMEŠKALOVÁ-JIROUDKOVÁ, ZDENKA. Druhý nález mincí z 15. stol. v Hroznějovicích, o. České Budějovice [The second coin-find from the 15th Century in Hroznějovice, Distr. České Budějovice]. *NS(Czech)* Vol. 18 (1989) pp. 208-210 illus.

The author describes 12 small coins hidden during the Hussite revolution. (Author)

565 OBERLÄNDER-TARNOVEANU, ERNEST. Moneda asăneștilor în contextul circulației monetare din zona gurilor Dunării [The Asans' Coinage in the Context of the Monetary Circulation in the Region of the Danube Mouths]. *Răscoala și statul Asăneștilor* [The Asans' Uprising and State].

(Bucharest, 1989) pp. 114-152. French summary.

The author has a general view on the monetary circulation in the north of Dobroudja between 1204-1282, including the coins issued by the Asans' Walachian-Bulgarian state. In the same time, there are references concerning the economy and the politics in the Danube mouth region from this period. (Constantin Preda)

566 OBERLÄNDER-TARNOVEANU, ERNEST and IRINA. Noi descoperiri de monede emise în zona gurilor Dunării în sec. XIII-XIV [New Coin Discoveries Issued in the Region of the Danube mouth in the 13th-14th Centuries]. *SCN* Vol. 9 (1989) pp. 121-129 illus. French summary.

The author discusses 49 coins from the 13th/14th centuries discovered in the region of the mouth of the Danube, issued in Isacea and Chilia. These coins retain elements of the Byzantine cultural and religious traditions. (Constantin Preda)

567 RÁDÓCZY, GYÚLA. A magyar aranypénz bevezetése [The Introduction of Hungarian Gold Coins]. *AzÉrem* Vol. 2 (1988) pp. 12-16.

After summarizing the literature, the author sketches the political, economic and financial situation of Hungary at the time when gold coinage was introduced into the country. (István Gedai)

568 RJABCEVIČ, VALENTIN NAUMOVIČ. Putywlskie i sewskie czechy [The Putywl and Sewsk Czechs]. *PracMat* No. 8 (1988, publ. 1989) pp. 107-151 illus. English summary.

After the seizure of Kiev and the eastern Ukrainian provinces by Moscow in 1654 attempts to introduce a coinage comparable to the former Polish currency were undertaken as the Russian monetary system could offer only the kopeck. In 1676 the czechs, probably struck at Putywl, imitated the Polish 1 1/2 grossus. The czechs of debased standard were struck only ten years later (1686-87) at Sewsk, but in preference to the Polish coinage people refused to accept them. The author provides a detailed catalogue of these rare coins. (Andrzej Mikołajczyk)

569 SEES, FERENC. II. Ulászló tallérjának cimerei [The Arms of the Thalers of Ulászló II]. *AzÉrem* Vol. 2 (1988) pp. 17-20.

The author examines the arms on the thalers of Ulászló II. Its elements comprise those of Hungary, Dalmatia, Bohemia, Poland as well as Navarre, Foix, Béarn, Evreux, Bigorre. (István Gedai)

570 SHUTTERLY, MICHAEL T. Lithuania. Part I. *WCN* Vol. 13 No. 46 (18 Nov. 1986) pp. 24-26 illus.; Part II *WCN* Vol. 13 No. 48 (2 Dec. 1986) pp. 24-27 illus.; Part III. *WCN* Vol. 13 No. 50 (16 Dec. 1986) pp. 13 illus.

571 STIRBU, CONSTANTA and STANCU, PARASCHIVA. *Marele Mircea Voievod* [The Great Prince Mircea] (Bucharest, 1987) pp. 111-113.

At Jiana, Mehedinți county, a hoard containing 215 medieval silver coins issued

by Mircea (211) and Mihail (4) was discovered in 1981. Another hoard discovered in 1968 at Ostrov, Constanța county, comprises Romanian coins, issued by the Princes Dan I (107), Radu I (42), Mircea (6) and Bulgarian coins from Sisman (19) and Sracimir (316).
(Constantin Preda)

572 ŠTROBLOVÁ, HELENA. Kutnohorská mincovna ve vyobrazení listu Rudné hornictví v Čechách [The Mint in Kutná Hora on the Picture 'Ore Mining in Bohemia']. *NS(Czech)* Vol. 18 (1989) pp. 111-116 illus. German summary.

The author explains various details of a picture depicting mining, ore refining and the striking of coins in the 15th century.
(Z. Nemeškalová-Jiroudková)

573 ŠTROBLOVÁ, HELENA. Nález grošů Václava IV. ze Zderadin na okrese Kutná Hora [The Find of Groats of the King Václav IV. from Zderadiny, Distr. Kutná Hora]. *NS(Czech)* Vol. 18 (1989) pp. 200-208 illus.

The author publishes a description and semi-quantitative analyses of 56 coins deposited at the end of the rule of the Czech King Václav IV. (1378-1419) or soon after his death.
(Z. Nemeškalová-Jiroudková)

574 ŠULA, JAROSLAV. Ražba mincí pro české země v době nacistické okupace [The Striking of Coins for the Czech Countries in the Years of the Nazi Occupation]. *NS(Czech)* Vol. 18 (1989) pp. 155-184 illus. German summary.

The author has found various invoices and other official documents giving the evidence where and how many coins were struck for the Czech countries in the years 1939-1945.
(Z. Nemeškalová-Jiroudková)

575 SVOBODOVÁ, DANA. Pět nálezů jednotlivých mincí z let 1797-1812 [Five Finds of Isolated Coins from the Years 1797-1812]. *NS(Czech)* Vol. 18 (1989) pp. 215-216.

Five isolated coins unearthed at different places in Bohemia are discussed.
(Z. Nemeškalová-Jiroudková)

576 SZÉKELY, ZSOLT. Analiza paleo-demografică a necropolei din feudalismul timpuriu de la Peteni, jud. Covasna [Paleo-demographic Analysis of the Early Medieval Necropolis at Peteni, Covasna County]. *Aluta* Vol. 17-18 (1985-1986, publ. 1989) PP. 211-218. English summary.

Hungarian coins issued by Stephen III, Geza II and Bela III, between 1162-1192, were discovered in the necropolis from Peteni (Transylvania).
(Constantin Preda)

577 TOTEV, TOTIO. Un molybdobulle du Tsar Petar (927-968). *Numizmatika* Vol. 23 No. 2 (1989) pp. 40-42 illus. In Bulgarian; French summary.

The author publishes a seal of the Bulgarian king Petar of the type "the king alone," found during archaeological excavations at Veliki Préslav.
(I. Youroukova)

578 UZDENIKOV, V.V. *Monety Rossii, 1700-1917* [Russian Coins, 1700-1917]. (Moscow, Izd. Finansy i Statistika 1985) 502 pp. illus.

579 ŽILÁK, JÁN. Činnosť kremnickej mincovne v rokoch 1792-18090 [Activity of the Mint in Kremnitz in the Years 1792-1800]. *NS(Czech)* Vol. 18 (1989) pp. 137-153 illus. German summary.

The mint in Kremnitz made use of the precious metals exploited in this region. The author analyzes the production of this mint in the years 1792-1800.

(Z. Nemeškalová-Jiroudková)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

General, Nos. 18, 19, 20, 22, 24.

Technology and Methodology, No. 48.

Byzantine, No. 269.

Near and Middle East, No. 298.

Medals and Decorations, Nos. 654, 674.

Paper Money, Nos. 756, 763, 769, 773, 778.

Tokens and Jetons, Nos. 787, 794.

UNITED STATES OF AMERICA

580 ADAMS, EUGENE H., DORSETT, LYLE W., and PULCIPHER, ROBERT S. *The Pioneer Western Bank—First of Denver: 1860-1980*. Edited by Robert S. Pulcifer. (Denver, First Interstate Bank of Denver, N.A., and the State Historical Society of Colorado 1984) 232 pp. illus. ISBN 0-9613125.

A comprehensive history of the First National Bank of Denver, the first bank to receive a national character west of Omaha and Leavenworth, and its intimate role in the development of Colorado.

(Joseph E. Boling)

581 AKERS, DAVID W. *A Handbook of 20th Century United States Gold Coins*. (Wolfeboro, NH, Bowers and Merena 1988) 182 pp. illus.

A survey of the histories of the gold coins struck at the U.S. mints. Rarities in grade are noted.

(Michael Hodaer)

582 BOWERS, Q. DAVID. *Buyer's Guide to United States Gold Coins*. (Wolfeboro, NH, Bowers and Merena 1989) 122 pp. illus.

A collector's guide is published. This handbook includes date and denomination rarity ratings derived from the auction appearance research of Andrew W. Pollack III and Beth Piper, with the assistance of Richard A. Bagg.

(Michael Hodder)

583 BOWERS, Q. David. *High Profits from Rare Coin Investment*. 12th Edition. (Wolfeboro, NH, Bowers and Merena 1989) 368 pp. illus.

584 BOWERS, Q. DAVID. *The Coin Dealer Newsletter, A Study in Rare Coin Price Performance 1963-1988.* (Wolfeboro, NH, Bowers and Merena 1989) 527 pp. illus.

A survey of the coin market and pricing histories, annually over 25 years, as reflected in the pages of the *Coin Dealer Newsletter*. (Michael Hodder)

585 BREEN, WALTER. *Walter Breen's Encyclopedia of United States and Colonial Proof Coins, 1722-1989.* 2nd edition, revised and corrected. (Wolfeboro, NH, Bowers and Merena 1989) 338 pp. illus.

The second edition includes 14 pages of corrections and additions to the 1st edition (1977). The text is otherwise unchanged. (Michael Hodder)

586 CARMICHAEL, HALBERT and WILSON, CRAIG A. 1854-55 Liberty Head and Flying Eagle One-Cent Patterns. *Num* Vol. 99 No. 4 (April 1986) pp. 649-652 illus.

The authors describe the identification and analysis of these coins. (Candace Carter)

587 COHEN, DAVID H. The 1851 Seated Dollar. *Gobrecht* Vol. 15 No. 45 (July 1989) pp. 19-24 illus.

The author proposes that the High Date variety was the original striking, while the Centered Date proofs were restrikes from the 1860s or 1870s, made from a standard obverse hub and old style date punches. (Michael Hodder)

588 COLLINS, JOHN E. Isaac Scott Hathaway: Designer of the Booker T. Washington and Washington-Carver Half Dollars. *Num* Vol. 99 No. 10 (Oct. 1986) pp. 2043-2048 illus.

589 FELLER, STEVE. Holography: the numismatic connection. *Num* Vol. 100 No. 1 (Jan. 1987) pp. 31-35 illus.

The article includes a hologram of an eagle, the first seen on the cover of *National Geographic* magazine in March 1984, produced by the American Bank Note Company. (Candace Carter)

590 FOX, LES. *Silver Dollar Fortune Telling: Facts and Figures for 1987.* (Midland Park, NJ, Fortune-Teller Publications 1986) 173 pp. illus.

591 HICKS, HERBERT P. The Washington Quarter Reverse: A Die-Variety Bonanza. *Num* Vol. 99 No. 2 (Feb. 1986) pp. 244-261 illus.

592 HICKSON, HOWARD. Mint Mark "CC": Part XII: Gold Mine for Non-Miners. *CNQ* Vol. 2 No. 3 (Fall, 1989) unpaginated illus.

The 1895 scandal involving unlawful retention of gold bullion by members of the melting and refining department of the Carson City Mint is described.

(Michael Hodder)

593 HODDER, MICHAEL. New Jersey Biennial Dies: Research in Progress. *ColN* Vol. 29 No. 2 (Aug. 1989) pp. 1094-1098.

Die emission sequences for the reverse J, U, f, and g families are proposed, together with new dating and mint attribution schemes.

(Author)

594 HODDER, MICHAEL. Our Country's First Silver Dollar. *Num* Vol. 102 No. 8 (Aug. 1989) pp. 1249-1254 illus.

The unique 1794 No Stars dollar in copper is shown to have been struck from a different obverse than used to coin the regular issue in silver. Its design appears to be in conformity with the specifications ordered by Section 10 of the Mint Act of 2 April 1792.

(Author)

595 HODDER, MICHAEL and BOWERS, Q. DAVID. *The Standard Catalogue of Encased Postage Stamps* (Wolfeboro, NH, Bowers and Merena 1989) 191 pp. illus.

A specialized collector's handbook devoted to encased postage stamps, issued as a form of "necessity money" in northern cities 1862-1863. Individual commissioner's histories are detailed, population census is given for rare varieties, and there is a general introduction to both the social and monetary histories of the period of issuance.

(Author)

596 LA MARRE, TOM. Robert Ball Hughes 'Forgotten' designer: sculptor made changes to Seated Liberty dollar design. *CW* Vol. 28 No. 1397 (21 Jan. 1987) p. 60 illus.

597 LA MARRE, TOM. The Lafayette dollar: the commemorative that broke all the rules. *Num* Vol. 99 No. 7 (July 1986) pp. 1359-1361 illus.

598 MC CLOSKEY, JOHN W. Classic Gold Half Eagles. *JReichJ* Vol. 4 No. 2 (Sept. 1989) pp. 18-23 illus.

An abbreviated version of the author's paper delivered to the 1989 ANS COAC, scheduled for publication in 1990, is published.

(Michael Hodder)

599 MC CLOSKEY, JOHN W. The 1865-S Dime. *GobrechtJ* Vol. 15 No. 45 (July 1989) pp. 39-41 illus.

Three varieties are distinguished, struck from two obverses and two reverses.

(Michael Hodder)

600 MC LAUGHLIN, MICHAEL. The Fugio Files, Part Five. *PW* Vol.

23 No. 3 (15 May 1989) pp. 136-147.

Fugio obverses 12 and 13; reverses M, N, R, U, KK, and LL are described, rarity ratings assigned to combinations, die states noted, and emission sequences proposed. A continuing survey of the Fugio coinage of 1787. (Michael Hodder)

601 MC LAUGHLIN, MICHAEL. The Fugio Files, Part Six. *PW* Vol. 23 No. 4 (15 July 1989) pp. 225-233.

Fugio obverses 14, 15, and 16; reverses H, O, K, V, and Y are described and analyzed. Die emission sequences are proposed. (Michael Hodder)

602 MURRAY, BILL. The Royal coinage of Hawaii. *COINage* Vol. 21 No. 5 (May 1985) p. 104 illus.

603 PASSIC, FRANK. *Albion's banks and bankers*. Sesquicentennial edition. (Albion, Michigan, Albion Historical Society 1985) 85 pp. illus.

604 PETERS, NORMAN G. Machin's Mills halfpence: America's forgotten early coppers. *Num* Vol. 99 No. 9 (Sept. 1986) pp. 1803-1814 illus.

605 REED, FRED L. Lincoln's features have always attracted interest: Charles Burt top Lincoln engraver. *CW* Vol. 28 No. 1400 (11 Feb. 1987) p. 1 illus.

606 REED, P. BRADLEY. The Philadelphia story: from the Constitution's birthplace comes the nation's coinage. *CW* Vol. 28 No. 1417 (10 June 1987) p. 1 illus.

607 REIVER, JULES. Another New Half Dime Variety—1829 V-18. *JReichJ* Vol. 4 No. 2 (Sept. 1989) pp. 14-15 illus.

A new variety of the 1829 half dime was discovered by Alan Bricker. The new variety combines the obverse of V-3/17 and the reverse of V-10/11/16.

(Michael Hodder)

608 RINGO, MICHAEL. A New Washington Double Head Cent Obverse. *ColN* Vol. 29 No. 1 (April 1989) pp. 1073-1074 illus.

609 ROCHETTE, ED. Hometown pride dictates postscript to U.S. history. *NN* Vol. 36 No. 22 (2 June 1987) pp. 22-24 illus.

The author discusses the Lexington-Concord commemorative half dollar.

(Candace Carter)

610 ROCHETTE, ED. Roosevelt left coin legacy: will Reagan do the same?

NN Vol. 36 No. 19 (12 May 1987) pp. 20-22 illus.

611 RULAU, RUSSELL. *Discovering America, The Coin Collecting Connection*. (Iola, WI, Krause Publications 1989) 328 pp. illus.

A catalogue for collectors of the coins, medals and tokens recording or commemorating European voyages of discovery to the Americas. (Michael Hodder)

612 SHOLLEY, CRAIG and SOUDERS, EDGAR E. A Die Study: the 1834 Capped Bust Halves-O-113 and O-114. *JReichJ* Vol. 4 No. 2 (Sept. 1989) pp. 31-37 illus.

The authors suggest that Overton 113 be relisted as O-114a (modified), based upon comparative die state analyses of the two combinations. (Michael Hodder)

613 SMITH, MARK. ??New Die State?? — 1830 V-8 Half Dime. *JReichJ* Vol. 4 No. 1 (July 1989) pp. 17-18 illus.

The author suggests that Valentine 8 of 1830 may have been struck prior to V-3 of the same year. (Michael Hodder)

614 SPANGLER, ROBERT and REIVER, JULES. Discovery of a New 1836 Quarter Variety; B-5. *JReichJ* Vol. 4 No. 2 (Sept. 1989) pp. 24-25 illus.

A hitherto unknown marriage of the obverse of Browning 4 and the reverse of B-1 is discussed and illustrated. (Michael Hodder)

615 TRUDGEN, GARY A. David Brooks-Machin's Mills Partner. *ColN* Vol. 29 No. 1 (April 1989) pp. 1080-1090 illus.

The author gives a biographical sketch of one of the lesser known partners in this coinage enterprise. (Michael Hodder)

616 TRUDGEN, GARY A. Windows Through Time. *PW* Vol. 23 No. 4 (15 July 1989) pp. 250-251.

Extracts from Moreau de St. Méry's travel journals for May 1794 are reprinted. These extracts concern the New Jersey copper coinage of 1786-1788.

(Michael Hodder)

For additional references to the numismatics of the United States of America, see the following abstracts:

Technology and Methodology, No. 42.

Medals and Decorations, No. 662.

Paper Money, Nos. 743, 745, 748, 749, 753, 754, 755, 758, 761, 762.

Tokens and Jetons, Nos. 796, 798, 800, 802, 803.

CANADA

617 AARON, ROBERT. Bye-bye beaver? Is it time for new reverses for Canada's Circulating Coins? *WCN* Vol. 13 No. 21 (27 May 1986) pp. 14-15 illus.

618 LOWE, KEN. The Canadian Antiquarian and Numismatic Journal, An Underappreciated Classic. *Out on a Limb* Vol. 3 No. 1 (May 1989) pp. 9-19.

A survey of the contents of the *CANJ* from Vol. 1 No. 1 (July, 1872, then titled *The Canadian Antiquarian*) to Vol. 4 (Fourth Series, 1933) is published. Notable articles and contributions are listed, with the surveying author's personal critiques.
(Michael Hodder)

For additional references to Canadian numismatics, see the following abstracts:

Paper Money, Nos. 740, 747.

MEXICO, CENTRAL AND SOUTH AMERICA

619 BLANTON, HERMAN. The Bogota Mint Commemorative Coin. *NI* Vol. 25 No. 1 (Jan. 1990) p. 7 illus.

1 Peso coins issued in 1956 to honor 200 years of milled coins in Columbia are discussed.
(Joseph Uphoff)

620 CHRISTENSEN, WILLIAM B. The Pattern Coinage of Independent Peru. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 177-190 illus. ISBN 0-89722-234-2.

A classification and survey of Peruvian patterns, proofs and die trials from the inception of the republic through the present, with emphasis on numismatically important and artistically innovative examples.
(Leslie A. Elam)

621 CRAIG, JR., FREEMAN. Coinage of the Viceroyalty of El Perú—an Overview. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 1-20 illus. ISBN 0-89722-234-2.

Covering the monetary policies and orientation of the several mints operating under the vice royalty of El Perú during its nearly 260 years of continual coin production, this article summarizes what was produced by these mints and the resulting influence on both the local and world economies.
(Author)

622 CUNBIETTI-FERRANDO, ARNALDO J. Documentary Evidence Regarding the La Plata Mint and the First Issues of Potosí. *The Coinage of*

El Perú. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 51-78 illus. ISBN 0-89722-234-2.

The author provides insights into the political and economic considerations regarding the location of early Peruvian mints; in particular, the shift of operations (and minting equipment) from La Plata to Potosí is detailed. The author's research is collated with that of others working on the subject, past and present; a chronological listing of Potosí mint officials for the first 75 years of operation is given.

(Leslie A. Elam)

623 DARGENT CHAMOT, EDUARDO. The Early Lima Mint (1568-1572). *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 43-50 illus, ISBN 0-89722-234-2.

The Lima mint began operations in September 1568, later than heretofore believed; the early mint personnel are identified. The author also comments on the transfer from plata corriente to coins for commercial transactions and on the controversial 8-real coins of 1568-69, shown to be unauthorized but "official" issues of the mint.

(Author)

624 DOTY, RICHARD G. Nationhood through Numismatics: Latin American Proclamation Pieces. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 233-241 illus. ISBN 0-89722-234-2.

The author examines the proclamation medal in 19th century Latin America and concludes that its rise and prominence in the region stemmed from the necessity, on the part of new national leaders, of acquiring a portion of the legitimacy formerly given to the kings of Spain. The case of Bolivia, where this form of medallic money endured until ca. 1880, is given special attention.

(Author)

625 DRYOFF, JAN M. Jamaica. Part I. *WCN* Vol. 13 No. 21 (27 May 1986) pp. 24-26 illus.; Part II. *WCN* Vol. 13 No. 22 (3 June 1986) pp. 24-26 illus.; Part III. *WCN* Vol. 13 No. 24 (17 June 1986) pp. 20-23 illus.; Part IV. *WCN* Vol. 13 No. 25 (24 June 1986) pp. 24-28 illus.; Part V. *WCN* Vol. 13 No. 26 (1 July 1986) pp. 20-22 illus.

626 DYM, K.A. The First Assayers at Potosí. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 79-8 illus. ISBN 0-89722-234-2.

The author distinguishes assayers of the town of Potosí from those of the mint and, on the basis of documentary and numismatic evidence, provides a chronological table of the mint assayers of Lima, La Plata, and Potosí through 1617 when dates appear on the Potosí issues. A separate table identifies the assayers of the town of Potosí through 1633.

(Author)

627 FLATT, HORACE P. Moneda Feble in Peru, 1830-1867. *The Coinage*

of *El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 191-231 illus. ISBN 0-89722-234-2.

The secret decision in 1829 by Andrés Santa Cruz, President of Bolivia, to permit the minting of small debased coins (*moneda feble*) had far-reaching consequences. The political, economic, and numismatic emission in 1830 was small, nevertheless, within 25 years the debased coins were made in such large quantities that good coins of both countries were driven from circulation. This article shows that both changes in the design of the Peruvian coins as well as the numbers made throughout this period may be explained in terms of the Bolivian moneda feble. The reasons for Peru's inability to prevent the circulation of the Bolivian coins within Peru are given. The different efforts by the Peruvian government to deal with the problem are described, including the ultimately successful one in 1864 which also involved the conversion to a decimal coinage. (Author)

628 GARCIA DEL PINO, CESAR. Monedas Macuquinas en el Moscu del Siglo XVII. *Boletín Numismático* No. 10 (Havana, Museo Numismático, Banco Nacional de Cuba 1989).

The author discusses the early trade between Cuba and Russia, particularly by members of the famous Cuban Sephardic family Diaz-Pimienta, evidenced by the two hoards of Spanish American 8-real cob pieces recently unearthed near the walls of the Kremlin—one contains 3,388 coins and the other contains 1,209 coins. (Leopoldo Cancio)

629 GORDUS, ADON A. and JEANNE P. Identification of Potosí Silver Usage in Sixteenth-Seventeenth Century European Coinage through Gold-Impurity Content of Coins. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 21-42 illus. ISBN 0-89722-234-2.

The metallic content of coins can be determined by taking tiny rubbings from the edges of the coins and irradiating these rubbings in a nuclear reactor. Radioactive silver, copper, gold, and often zinc, arsenic, and antimony can be detected in the samples. Over the past 20 years about 10,000 coin rubbings have been analyzed and the amount of gold impurity in silver coins has been shown to be related to the silver source. Potosí silver is characterized by an unusually low level of gold impurity, unlike the pre-Potosí European coinage of silver from Mexico. This characteristic was used in analysis of 700 European coins minted between 1550 and 1700 to determine which were made of Potosí silver. Only some Spanish and Italian coins plus one each from the Low Countries, Germany, and Portugal were made of Potosí silver; none of the French, English or Islamic coins show the use of Potosí silver. The unanswered question is "What became of the vast amounts of Potosí silver obtained by the Spaniards?" (Authors)

630 GREEN, PAUL M. Cob on the Beat: Cob specialist Frank Sedwick analyzes the latest crop of treasure coins from a numismatic standpoint. *WCN*

Vol. 13 No. 41 (14 Oct. 1986) pp. 24-26 illus.

631 LASSER, JOSEPH R. The Silver Cobs of Colombia, 1622-1748. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 121-140 illus. ISBN 0-89722-234-2.

Documentary evidence and numismatic experience confirm that Colombian silver cob production was extremely limited. The scarcity of specimens and major inconsistencies in design have hampered research to date but recent additional archival and physical evidence have made it possible to develop an acceptable chronology of Colombian silver coins and their assayers. Furthermore, the new data including nuclear activation trace metal analysis support the thesis that a subsidiary mint operated intermittently in Cartagena, augmenting the output of Santa Fe de Bogotá in periods of unusual demand. (Author)

632 LEONARD, JR., ROBERT D. The "Large Crown" Counterstamp on Peruvian 2 Reales: A Guatemalan Issue of 1663. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 159-175 illus. ISBN 0-89722-234-2.

The counterstamp of ca. 1570-1651 is shown to have been applied in Guatemala in 1663 to validate undebased Potosí coinage. These counterstamped 2-real pieces formed the principal currency of Guatemala until 1678, and remained in circulation until the early years of the 18th century. Two types of the counterstamp are described and a corpus of 52 entries (representing 49-52 coins) is presented. (Author)

633 LILL III, GEORGE. A Preliminary Study of the Possible Production Outside the Potosí Mint of Bolivian Mules, Pieforts, and Uniface Examples of the "Monedas Especiales" Series. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 243-250 illus. ISBN 0-89722-234-2.

This work presents the results of a three-directional study into the research of mules, pieforts and uniface examples of the Bolivian Monedas Especiales (otherwise known as Republican Proclamations, Medallion Coinage, Monetary Medals or Propaganda Coinage). By means of historical deduction, observational die study comparisons and nuclear analysis of silver impurities found, the author has drawn the conclusion of a very high likelihood that many of these pieces have been fabricated outside of their purported time spans and more than likely outside of the actual Potosí mint. (Author)

634 LYALL, BOB. The coaling tallies of St. Thomas, Danish West Indies. *NCirc* Vol. 97 No. 3 (April 1989) pp. 75-77 illus.

635 MENZEL H., SEWALL. Continuation of the 1750, Lima Mint

Quarter Real Cob Coin. *NI* Vol. 22 No. 5 (May 1988) pp. 107-109 illus.

A second coin of this mint and date is discussed and illustrated. (*Joseph Uphoff*)

636 MENZEL H., SEWALL. La misteriosa Casa de Moneda Colonial en Panamá. *GacNum* Vol. 93 (1989) pp. 55-64.

The author presents documentary evidence for the striking of AP coinage in Panamá. The pertinent decree (of Philip II) is reproduced. (*Leslie A. Elam*)

637 MURRAY, GLENN S. Mechanization of the Peruvian Mints: Problems of Implementation. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 141-158 illus. ISBN 0-89722-234-2.

The author presents an examination, illustrated by archival plans and photographs made by the author, of the mechanization of the Lima and Potosí mints during the period 1728-77 to facilitate the transition from cob to round coin production. (*Leslie A. Elam*)

638 NUESSEL, FRANK. Currency Designations in Spanish-speaking nations. *Num* Vol. 99 No. 11 (Nov. 1986) pp. 2260-2265 illus.

639 OTT, J. ALMA. The Cob Coins of Potosi Assayer Jose Carnicer, 1741-1744. *NI* Vol. 24 No. 10 (Oct. 1989) pp. 244-245 illus.

A call for information about 1741 C Potosi cobs issued by Jose Carnicer is given as well as a summary of what is known about them. (*Joseph Uphoff*)

640 OTT, J. ALMA. The Macquinas Coins of La Rioja, Argentina, 1821-1823. *NI* Vol. 22 No. 12 (Dec. 1988) pp. 290-291 illus.

A brief history of the minting activity at Chilecito, La Rioja is provided as well as the reasons for the mint's existence. (*Joseph Uphoff*)

641 OTT, J. ALMA. The Macquinas Coins of Mendoza, Argentina - 1823. *NI* Vol. 25 No. 1 (Jan. 1990) p. 6.

Coins issued in Mendoza Province during 1823 are discussed as well as the reasons for their emission. (*Joseph Uphoff*)

642 PULIDO LEDESMA, JOSÉ A. *Monedas de Santiago de Cuba en la epoca colonial*. (Cuba, Museo numismatico, BNC, 1985) 96 pp. illus.

643 SEDWICK, FRANK. The Gold Cobs of Peru, 1696-1750. *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 91-104 illus. ISBN 0-89722-234-2.

An introductory historical background of these coins precedes an analysis of their details of design, followed by a tentative listing of the known dates and assayers. The numismatic aspects of commercial sea-salvage operations in Florida are examined, as revealed by a tabulation of Peru gold cobs owned by the State of Florida as the result of divisions with the divers who found the coins. (Author)

644 STALLARD, BARRY W. The Enigmatic Sixteenth-Century AP Coins: Issues of a Peruvian Mint in Alto Peru? *The Coinage of El Perú*. Edited by William L. Bischoff. Coinage of the Americas Conference, Proceedings No. 5 (New York, The American Numismatic Society 1989) pp. 105-120 illus. ISBN 0-89722-234-2.

The author authenticates and catalogues coins issued in the name of Philip II, apparently in Peru, bearing the mint mark AP. The difficulty of locating the mint site is addressed and in a post-conference note, S. Menzel's article in *GACNum* 93 (June 1989) is cited, documenting Panama as the AP mint. (Leslie A. Elam)

645 SUMERFIELD, PETER. The Dominican Republic: A nation whose 19th century coinage reflects its growth to maturity. *WCN* Vol. 14 No. 20 (19 May 1987) pp. 24-28 illus.

See also *NL* 112-784.

646 TORRES GANDOLFI, CARLOS. Las monedas obsidinales acuñadas en Copiapó en 1865 durante la guerra con España y con motivo del bloqueo del puerto de Caldera. *Revista Chilena de Historia y Geografía* No. 155 (Santiago de Chile, 1987, publ. 1989) pp. 255-259.

In 1865, during the war with Spain in the Pacific, a territory in the north of Chile, the center of which was the city of Copiapó, was cut off from the rest of the country. It was an important silver mining district. A local company was founded in order to mint obsidional silver coinage of 1 peso and 50 cents. The pertaining documents were found by the author. The production of these coins is discussed and the frequency of their falsifications is recorded. (A. de Avila-Martel)

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:

Far East, Nos. 389, 397.
Western and Central Europe, No. 491.
Paper Money, Nos. 739, 771.
Tokens and Jetons, No. 790.

OCEANIA

647 COURTENAY, KEITH. Australiens størstemøntfund [Australia's Largest Coin Hoard]. *NNUM* Vol. 7 (1989) pp. 150-152 illus. In Danish.

The author gives an account of how he discovered 32,000 Chinese cash coins in 1978 by the Palmer River in Queensland, Australia. (Ulla Westermarck)

648 DROST, FRED. The Private Gold "Kiwis" from New Zealand. *NI* Vol. 22 No. 12 (Dec. 1988) pp. 288-289 illus.

Gold coins privately issued by the Auckland Coin and Bullion Exchange, Ltd. in 1985 are discussed. (Joseph Uphoff)

649 DROST, FRED. Mindanao WWII Emergency Currency Revisited. *NI* Vol. 22 No. 9 (Sept. 1988) pp. 218-219 illus.

A brief summary of the currency issued on Mindanao in 1943 is presented. (Joseph Uphoff)

650 MA TAK WO. *Currency of Macau* (Hong Kong Museum of History, 1987) 82 pp. illus. In Chinese and English.

651 MIRA, WILLIAM J.D. *From Cowrie to Kina: The Coinages, Currencies, Badges, Medals, Awards and Decorations of Papua New Guinea.* (Sydney, Australia, Spink and Son, 1989) 332 pp. illus.

652 XU YOUMING. A Story of Australian Coins. *China Numismatics* Vol. 3 (1989) pp. 72-79 illus. In Chinese.

The article introduces the Chinese people to the story of the utilization of money, the various coins struck and used at different times in Australia since its days of colonization.

For additional references to the numismatics of Oceania, see the following abstracts:

Paper Money, Nos. 738, 744, 757, 758, 759, 765, 776, 777.

MEDALS AND DECORATIONS

653 BARTOLOTTI, FRANCO. *Medaglie e decorazioni di Pio IX.* (Rimini, Franco Bartolotti 1988) 439 pp. illus.

The author classifies chronologically the medals issued during the long pontificate of Pius IX from the sede vacante of 1846 to that of 1878 at his death and the issues commemorating the lying-in-state of the body of the deceased Pope in the Basilica di S. Lorenzo under Leo XIII in July 1881. (Andrea Carignani)

654 BLANKOFF, JEAN. La médaille en Russie, puis en URSS. *CENB* Vol. 26 No. 2 (April-June 1989) pp. 40-49 illus.

A general history of the medal in Russia and the Soviet Union from the 17th until

the 20th century is given. Besides Russian artists and events from Soviet Union history, a large number of Western celebrities were portrayed on Russian medals.

(Johan van Heesch)

655 BLOCK, DAVID. Napoleonic Medals: Empire. *NI* Vol. 23 No. 4 (April 1989) pp. 82-88 illus.

Medals and the commemorative events relating to the establishment of the empire are discussed.

(Joseph Uphoff)

656 BLOCK, DAVID. Napoleonic Medals: Peace. *NI* Vol. 22 No. 6 (June 1988) pp. 125-143 illus.

Medals and the relevant treaties concerning various non-military events are discussed.

(Joseph Uphoff)

657 BLOCK, DAVID. Napoleonic Medals: The First Austrian Campaign. *NI* Vol. 24 No. 11 (Nov. 1989) pp. 257-265 illus.

Medals and their commemorative events—all pertaining to Napoleon's first war in Austria—are discussed.

(Joseph Uphoff)

658 BLOCK, DAVID. Napoleonic Medals: The Second Italian Campaign. *NI* Vol. 21 No. 10 (Oct. 1987) pp. 229-241 illus.

Medals and the events concerning Napoleon's war in Italy are discussed.

(Joseph Uphoff)

659 BLOCK, DAVID. Napoleonic Medals: War Again. *NI* Vol. 22 No. 11 (Nov. 1988) pp. 257-263 illus.

Medals and the commemorative events concerning Napoleon's campaign in 1803 and 1804 are discussed.

(Joseph Uphoff)

660 BOCK, DIETER. 150 Jahre Ingenieurausbildung in Chemnitz/Karl-Marx-Stadt im Spiegel von Anerkennungs- und Gedenknachweisen in Form von Medaillen und Urkunden. *Sächsische Heimatblätter Dresden* Vol. 35 No. 3 (1989) pp. 114-121.

The author is concerned with the awards and commemorative medals of the Technical University of Karl-Marx-Stadt and their prototypes and predecessors.

(Paul Arnold)

661 *Boekwerk onderscheidingen* [Orders and Awards of the Netherlands]. (Bussum, Uitgeverij Special Interest Publications 1985) 112 pp. illus. In English, French, German and Dutch.

This book is the official guide to the decorations of the Kingdom of the Netherlands.

(Candace Carter)

662 BORGMANN, FRED J. *Wisconsin's Military and Civil Medals and Decorations*. (Wisconsin, Joe Jones Agency 1987) 34 pp. illus.

663 BRADY, GERARD. The Lord Inchiquin Medal of 1646 (Abraham Simon). *NCirc* Vol. 97 No. 2 (March 1989) pp. 41-43 illus.

664 BRUHN, DIETER. Christoph Carl Pfeuffer - ein Suhler als preussischer Hofmedailleur. *NumBeitr* Vol. 21 No. 3 (1988) pp. 99-106.

The author discusses the life and work of well-known medalists. (Paul Arnold)

665 BUCHET, A.R. and VAN LAERE, R. *Médailles 1988. Rond Munten* 5-6. (Tongeren, Provinciaal Munt- en Penningkabinet 1988) s.p. [24 pp.] illus.

Twenty-five Belgian medals issued in 1988 are presented. (Johan van Heesch)

666 CECCARELLI, F. *Manuale di medaglistica* (Brescia, Edizioni La Numismatica, 1988) 167 pp. illus.

The author publishes a large survey of medallic art to be used both as a reference manual and as an introduction. The principal information useful to the collector is published: brief outlines concerning techniques and medallic history and a glossary of specific terms. (Andrea Carignani)

667 CHATT, JOSEPH. Unofficial Medals issued in the U.K. to celebrate or commemorate the end of the Great War. *NCirc* Vol. 97 No. 4 (May 1989) p. 116.

Addenda to *NCirc* 1987, Vol. 95, pp. 256-258; See *NL* 120-828. (Edward Besly)

668 CRESSWELL, O.D. Unconsidered Trifles. *NI* Vol. 22 No. 1 (Jan. 1988) pp. 7-10 illus.

Medals of Henri, Duc of Bordeaux, the Battle of Busaco and St. Blaise of Sebaste are discussed. (Joseph Uphoff)

669 DATOW, JOACHIM. *Die Erneuerung der Medaille in der Zeit des Jugendstils*. (Numismatische Gesellschaft Speyer, Hans-Purmann-Allee 26, 6720 Speyer, 1988) 152 pp. illus.

670 DETHLEFS, GERD. Münzen und Medaillen auf die Wiedertäufer in Münster. Eine Nachlese. *Berichte* Vol. 29 No. 166 (1989) pp. 669-678 illus.

In addition to an earlier published catalogue of medals relating to the kingdom of the anabaptists in Münster 1533-4 several new results of research are published. The author includes a report about the use of the gold pieces of 1534 in Osnabrück, a recently disappeared woodcut medal of Gertrud of Utrecht, the king's wife, and the discovery that the most popular medal with the portrait of Jan van Leiden was made by G.W. Vestner in Nuremberg ca. 1728. (Peter Ilisch)

671 Deux nouvelles médailles dues au talent du professeur Harry Elstrøm et frappées dans les ateliers d'art de Fibru S.A. (Fisch) Bruxelles. *Vie num* Vol. 39 No. 3 (March 1989) p. 97 illus.

Two new medals of the Belgian artist H. Elstrøm are published. The first one was struck for the 125th anniversary of the education of engineers at the University of Leuven; the second one shows an elk on its obverse and was struck for the friends of the artist.
(Johan van Heesch)

672 DRY, C. School Attendance Medals. *NCirc* Vol. 97 No. 1 (Feb. 1989) p. 8.

Addenda to *NCirc* June and July/Aug. 1988 articles are published. (Edward Besly)

673 ERLANGER, HERBERT. Wiener Albrecht Dürer Medaillen und Abzeichen von der Mitte des 19. Jahrhunderts bis zur Zeit des 1. Weltkrieges. *NZ* Vol. 99 (1985) pp. 51-61 illus.

674 FILIPOW, KRZYSZTOF and WAWER, ZBIGNIEW. Odznaki rozpoznawcze, odznaki pamiątkowe i honorowe Polskich Sił Zbrojnych na Zachodzie 1940-1946 [Badges, Commemorative and Honorable Insignia of the Polish Armed Forces in the West 1940-1946]. *Zeszyt Naukowy Muzeum Wojska w Białymstoku* (Białystok, 1988) pp. 128-155 illus.

The authors compile a catalogue of the badges, commemorative and honorable insignia used by the Polish soldiers of different regiments serving in the Allied Forces during WWII in northern Africa, Italy, Britain and Western Europe under the command of the Polish government in exile in London.
(Andrzej Mikołajczyk)

675 FILIPOW, KRZYSZTOF. System orderowo-odznaczeniowy w Polsce XVIII i XIX stulecia [The Order and Decoration System in Poland in the 18th and 19th Centuries]. *MedFal* Nos. 13-14 (July-Dec. 1984, publ. 1989) pp. 41-45.

The author explains the hierarchic system of the Polish orders and decorations in the 18th and 19th centuries.
(Andrzej Mikołajczyk)

676 FILIPOW, KRZYSZTOF. Trudne początki powtórnego narodzin-reaktywowania Orderu Virtuti Militari w 1919 r. [Difficult Beginnings of the Rebirth of the Virtuti Militari Order in 1919]. *Zeszyt Naukowy Muzeum Wojska w Białymstoku* (Białystok, 1988) pp. 36-55.

After Poland regained her independence in late 1918, the question of the most honorable military Polish order —Virtuti Militari— arose. The author discusses the historical and political circumstances of this issue.
(Andrzej Mikołajczyk)

677 FOURNIER, JEFF. The Medals of Northern Ontario—Part II. *CNJ* Vol. 34 No. 6 (June 1989) pp. 212-215.

Medals of the northwestern parts of Ontario are listed, together with those from the Parry Sound area.
(Michael Hodder)

- 678** FOURNIER, JEFF. The Medals of Northern Ontario—Part IV. *CNJ* Vol. 34 No. 8 (Aug. 1989) pp. 304-307.

The final part of the series dealing with Sudbury medals is given.

(Michael Hodder)

- 679** FOX, STEPHEN P. Medaglie mediche di Domenico di Polo. *BollNum* Vol. 10 (1988) pp. 189-219 illus.

The author publishes a catalogue of the portraits on medals by the Florentine Domenico di Polo (1480-1547), active in the courts of Alessandro and Cosimo I de'Medici. Among the 25 published works (of which 9 refer to Alessandro and the rest to Cosimo) frequent references to stylistic and iconographic models of Imperial Rome are evoked.

(Andrea Carignani)

- 680** GABRISCH, K. and RHODES, N.G. Nepalese Medals of the 3rd Nepal-Tibet War - 1855-56. *NCirc* (Oct. 1989) pp. 260-263.

The medals issued by the Nepalese government and awarded to soldiers who fought in the war with Tibet are illustrated and described.

(N.G. Rhodes)

- 681** GALLAMINI, PAOLO. La medaglia devozionale cristiana: secoli XVII-XVIII-XIX (parte I). *Medaglia* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 35-78 illus.

The first article of a broad study on the significance and the value of the devotional medals, beginning with paleochristian examples. The investigation, concentrating on the 17th, 18th and 19th centuries, concludes with a tentative typological classification of the most frequent, recurring figures (Saviour of the World, Trinity, etc.).

(Andrea Carignani)

- 682** GILLILLAND, CORY. John Cook, un enigma. *Medaglia* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 155-168 illus.

The author critically examines the medallic work of the contemporary American artist John Cook.

(Andrea Carignani)

- 683** GREBHAHN, HERBERT. Medaillen der Porzellanfabrik Gebr. Metzler & Ortloff in Ilmenau. *NH* No. 57 (Suhl, 1989) pp. 39-43.

The porcelain medals manufactured by Metzler & Ortloff are described.

(Paul Arnold)

- 684** GÜNTHER, HANS. Die frühbürgerliche Revolution im Spiegel der Medaillen und Plaketten der Städte, Betriebe und Einrichtungen des Kyffhäusergebietes. *NH* No. 58 (Halle, 1989) pp. 12-23.

The author describes modern medals depicting the German Peasant War of 1525.

(Paul Arnold)

- 685** H.C. Grosse Meister des Gravierstahls. Zum 200. Geburtstag von

Henri François Brandt, 1. Medailleur an der königlichen Münze zu Berlin. *GN* Vol. 24 No. 133 (1989) pp. 250-251 illus.

686 HARKE, KURT. Medaillen, Plaketten, Abzeichen, Ehrengaben und Auszeichnungen des Kulturbundes der DDR. Teil 2: Kulturbund der DDR allgemein. *NH* No. 46 (Berlin 1988) 85 pp.

The author describes in a catalogue the medals, plaques and badges of the Cultural League (Kulturbundes) of the German Democratic Republic. (Paul Arnold)

687 HARKNESS, ANDREW. The American Institute-Catalyst for the American Greatness. *TAMSJ* Vol. 29 No. 4 (Aug. 1989) pp. 123-135 illus.

A listing of the medals authorized as awards by the American Institute is given. (Michael Hodder)

688 HEBERT, R.J. A Devotional Medal from Khotan. *NI* Vol. 22 No. 10 (Oct. 1988) pp. 233-237.

A medal which honors St. Andrew Avellino, found in Khotan, is discussed. (Joseph Uphoff)

689 HEBERT, R.J. Saints in Medal. *NI* Vol. 22 No. 12 (Dec. 1988) pp. 281-285 illus.

Medals which commemorate Saints Ignatius of Loyola, Francis Xavier and Alexius and the Blessed Simon de Rojas are discussed; biographies of each saint are included. (Joseph Uphoff)

690 HENNEBERT, ALEXIS. Jean et Benjamin Duvivier; artistes médailleurs liègeois de renommée européenne (1687-1761 et 1730-1819). *Vie num* Vol. 39 No. 4 (April 1989) pp. 114-121.

An illustrated survey of the work of Jean and Benjamin Duvivier is given. Originating in Liège in Belgium, they worked in Paris and engraved several royal portraits. (Johan van Heesch)

691 HENNEBERT, ALEXIS. Les médailles commémoratives de l'ouverture du tunnel du Seikan au Japon, oeuvres de Keiichi Wuyu, 1988. *CENB* Vol. 26 No. 2 (April-June 1989) pp. 49-52 illus.

692 HERFURTH, DIETRICH. Prof. Rudi Högner - ein bedeutender Gestalter von Ehrenzeichen der DDR. *NumBeitr* Vol. 21 No. 3 (1988) pp. 107-111.

The author is concerned with the orders, medals and badges which Högner designed. (Paul Arnold)

693 HORVITZ, PETER S. A Franco-Russian Presentation Medal. *NI*

Vol. 24 No. 12 (Dec. 1989) pp. 294-295 illus.

A medal issued to commemorate the French fleet's visit to Kronstadt, Russia, in 1891 and a reciprocal visit to Toulon, France, in 1893 by a Russian fleet is discussed.
(Joseph Uphoff)

694 HORVITZ, PETER S. The Icelandic Independence Medal. *NI* Vol. 24 No. 7 (July 1989) pp. 158-159 illus.

A medal which celebrates Iceland's independence in 1944 is discussed.
(Joseph Uphoff)

695 ILISCH, PETER. Medaillan aus Prägeanstalt Deumer/Lüdenscheid. *NNb* Vol. 38 No. 5 (1989) pp. 113-120 illus.

The history of Deumer's medal factory in Lüdenscheid, founded in 1863, is surveyed. A summary list of medals issued between 1911 and 1931 is added.
(Author)

696 *Japanese art-medal. 19/10/89-11/11/89.* [Brussels, Brabant Provincial Committee for Applied Art and Crafts 1989] 156 pp. illus.

This book is an exhibition catalogue containing the photographs of 302 contemporary Japanese medals. M.-L. Dupont, A.J. Hennebert and Ch. Sermon were responsible for the composition of the catalogue.
(Johan van Heesch)

697 JORDAN, REINHOLD. The Schweinfurt/American Military Community Walking Medals. *NI* Vol. 22 No. 2 (Feb. 1988) pp. 36-37.

Medals issued to commemorate participation in walking events which cover at least 5 miles are discussed.
(Joseph Uphoff)

698 JULIAN, ROBERT W. and KEUSCH, ERNEST E. *Medals of the United States Assay Commission, 1860-1977.* (*TAMSJ*, 1989). (Or Suppl. *TAMSJ* Vol. 29 No. 5 [Oct. 1989]) 91 pp. illus.

The first comprehensive catalogue listing devoted to Assay Commission medals is published. Annual types are illustrated; sizes and metals are noted; engravers responsible named. Short discussions of the numbers struck, stylistic influences on the types, and historical data are appended.
(Michael Hodder)

699 JUNGWIRTH, HELMUT. Die Meisterschule für Medailleurkunst an der Akademie für bildende Künste in Wien. *NZ* Vol. 99 (1985) pp. 77-80.

700 LEMBECK, KURT. Die Münzen und Medaillen der Fürstenhäuser zu Castell. *GN* Vol. 24 No. 133 (1989) pp. 221-224 illus.

Medals of Brandenburg-Bayreuth showing the arms of Castell are briefly surveyed and others relating to the princes of Castell, struck between 1859 and 1975, are described.
(Peter Ilisch)

701 MACIASZEK, JANUSZ. Polish medallic artist uses special style. *CW* Vol. 28 No. 1398 (28 Jan. 1987) p. 136 illus.

The author discusses the work of the sculptor and medalist Jozef Markiewicz.
(Candace Carter)

702 MAUÉ, HERMANN. Schönborn-Medaillen. *Die Grafen von Schönborn, Kirchenfürsten, Sammler, Mäzene.* (Nürnberg, Exhibition Catalogue of Germanisches National Museum, 1989) pp. 148-153, 194-212 illus.

The role of members of the family of the counts of Schönborn in collecting and issuing medals is discussed. The most prominent members of the family were Johann Philipp and Lothar Franz, archbishops of Mainz, of whom the latter especially was responsible for many medals struck primarily in Nuremberg by G.V. Vestner, P.P. Werner and others. Other medals were produced for Damian Hugo, Bishop of Speyer, and Friedrich Karl, Bishop of Würzburg. The baroque medals are illustrated and discussed.
(Peter Ilisch)

703 MOLNÁR, JÓZSEF. Kossuth Érdemrend; I. rész. [The Order of Kossuth; I. Part]. *AzÉrem* Vol. 2 (1988) pp. 29-37.

In 1948 the Order of Kossuth in Hungary was founded to commemorate the revolution of 1848. The author publishes the plans of the order and its definitive form. Donations are appended.
(István Gedai)

704 NAU, ELISABETH. Die angebliche Hochzeitsklippe von 1494. *Berichte* Vol. 28 No. 164 (1989) pp. 581-584 illus.

The author, who previously published a Württemberg klippe dated 1494, corrects himself in this article that the piece was struck in 1574 on the occasion of the 20th birthday of Duke Ludwig in that year.
(Ulrich Thoden)

705 NIVAILLE, JEAN. Abeilles et ruches dans la numismatique de la Révolution française. *CENB* Vol. 26 No. 2 (April-June 1989) pp. 32-39 illus.

The author gives a description of the medals and tokens struck during the French Revolution depicting bees. An Italian medal of Victor Amadeus III and 2 proofs of Swiss coins of Geneva which relate to the same subject are discussed.
(Johan van Heesch)

706 NOE, ENRICO. Le medaglie di Livio Odescalchi. *Medaglia* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 79-96 illus.

Based on the corpus of medals (ca. 14) dedicated to the most famous engravers of the period, the author discusses the patron, Roman prince Livio Odescalchi (1655-1713).
(Andrea Carignani)

707 ÖLÇER, C. İsmail Galib Bey Madalyonu [Medallion of Ismail Galib Bey]. *BültenTurkNumSoc* Vol. 26 (1989) pp. 29-30.

A commemorative medallion issued by the Turkish Numismatic Society is published.
(Ömer Diler)

708 PANDULA, ATTILA. A magyar falerisztikáról [About the Hungarian Phaleristik]. *Levéltári Szemle* [Review of Archives]. Vol. 1 (1989) pp. 11-22.

The author reviews the Hungarian orders beginning with the first—Order of Dragon—founded in 1408.
(István Gedai)

709 PANOS, TAZEDAKIS. The engraver Konrad Lange. His work and the medals of the reign of King Otto. *NomKhron* No. 7 (Athens, 1988) pp. 36-98.

A detailed article concerning the life and work of the famous engraver of the 19th century Konrad Lange for whom very little has been published. The author refers especially to the medals of the reign of King Otto.
(Mando Oeconomides)

710 PARISE, ROBERTA. Gli Zabarella di Padova: tre medaglie a loro dedicate. *Bollettino del Museo Civico di Padova* Vol. 76 (1987) (Padua, Soc. Coop. Tipografica 1989) pp. 297-303 illus.

The author publishes 3 medals dedicated to 3 famous members of the Paduan family Zabarella: to juriconsul Francesco (1360-1417), Bishop of Florence and Cardinal, to his nephew Bartolomeo (1399-1446), also a man of the law and the church, in 1439 Archbishop of Florence, and, finally, to Giacomo (1533-1589), philosopher and great exponent of the Aristotelian school of Padua.
(Andrea Carignani)

711 PEARCE, REX F. Medals of the Sherritt Mint. Part I. *WCN* Vol. 13 No. 18 (6 May 1986) pp. 24-26 illus.; Part II. *WCN* Vol. 13 No. 22 (3 June 1986) pp. 16-17 illus.; Part III. *WCN* Vol. 13 No. 26 (1 July 1986) pp. 12-13 illus.; Part IV. *WCN* Vol. 13 No. 31 (5 Aug. 1986) pp. 32-33 illus.; Part V. *WCN* Vol. 13 No. 38 (23 Sept. 1986) pp. 12-15 illus.; Part VI. *WCN* Vol. 14 No. 3 (20 Jan. 1987) pp. 20-22 illus.

712 PEARCE, REX F. Sherritt Mint Medals: 1971 medal marked Kosygin visit to mint. *WCN* Vol. 14 No. 21 (26 May 1987) pp. 24-26 illus.

713 PIALORSI, VINCENZO. Medaglie relative a personaggi, avvenimenti e istituzioni di Brescia e provincia (Parte I, sec. XV-XVI). *Medaglie* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 7-34 illus.

Based on the images on medals of numerous famous people, the author surveys the history of the city of Brescia. In this first part of the work, 27 pieces (among which four 18th century coins) imitate some ancient coins.
(Andrea Carignani)

714 PROSKAUER, CURT. *Reklame von Zahnärzten und für Zahnärzte auf Medaillen*. (Cologne, Heinz Ladendorf and Sunhild Salaschek, Bundeszahnärztekammer, 1988) 95 pp. illus.

The use of medals in advertising for dentists is surveyed. 98 examples, mainly from the USA and France, are listed and some illustrated. (Peter Ilisch)

715 PUDDISTER, ROBERT P. British Historical Medals—Number 9031. *Ni* Vol. 24 No. 7 (July 1989) pp. 166-167 illus.

A medal which honors Karansinhji of Rajkot is discussed. (Joseph Uphoff)

716 RING, GIZELLA. Jelvények 1945 és 1948 között [Badges Between 1945 and 1948]. *A Magyar Munkásmozgalmi Múzeum Évkönyve* [Annual of the Museum of Labor Movement]. (1985) pp. 126-196. Russian and German summaries.

The author makes known the badges issued between 1945 and 1948: Control Commission of the Allies, Liberation, National Help, Organization of the Revolution, State, Youth, Religions, Parties, etc. Altogether the author publishes 217 badges with many illustrations. (István Gedai)

717 SCHMIDT, AZEL. Büchsenmacher, Medailleure und Münzmeister—die Familie Stockmar. *NH* No. 57 (Suhl, 1989) pp. 12-17.

The author describes the well-known Thuringian family of medalists. (Paul Arnold)

718 SCHULZE, MANFRED. Der Medailleur Rudolf Bosselt. *GN* Vol. 24 No. 131 (1989) pp. 127-130 illus.

The biography of the German medalist Rudolf Bosselt (died 1938) is given. (Peter Ilisch)

719 SHEEDY, K.A. Dora Ohlfsen—the forgotten heroine of Australian medallic art. *ACR* No. 302 (Aug. 1989) pp. 18-21 and front cover illus.

Ohlfsen studied modeling in Paris before returning to Australia in 1912. She was responsible for the Anzac medal and many portrait medallions and plaques. (John Melville-Jones)

720 SMARANDA, AURICA and STANCU, TUDORICA. Medaliile și insignele bătute cu prilejul construcției Canalului Dunăre-Marea Neagră [The Medals and Badges Struck on the Occasion of the Construction of the Danube-Black Sea Canal]. *SCN* Vol. 9 (1989) pp. 105-108 illus. French summary.

On the occasion of the construction and the inauguration of the Danube-Black Sea canal seven different types of medals were issued. (Constantin Preda)

721 TILL, PAUL H. *The Military Awards of the Empire State* (Arlington, VA, Planchet Press 1989) 99 pp. illus.

722 TIRONI, LUIGI, CARANTANI, VEZIO. L'istruzione superiore a Bergamo: dalla scuola della misericordia al liceo classico "Paolo Sarpi"—personaggi e fatti nella medalgie. *Medaglie* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 120-142 illus.

Based on the representations of people and events in medals, the author documents the vicissitudes of higher education at Bergamo from the foundation of the school of la Misericordia in the 15th century to the foundation of the first classical high school in the Napoleonic age. (Andrea Carignani)

723 VOLTOLINA, PIERO. Medaglie relative alle chiese di Venezia e delle altre isole della laguna, (parte III). *Medaglie* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 97-119 illus.

The author lists the medals struck to commemorate the erection of the churches of Venice and its lagoon. In this article several examples of the 17th, 18th, and 20th centuries are examined. (Andrea Carignani)

724 WARMENBOL, EUGÈNE. L'Afrique et l'Amérique tête-bêche sur une médaille uniface (XVIe-XVIIe) trouvé à Anvers. *CENB* Vol. 26 No. 2 (April-June 1989) pp. 29-32 illus.

A uniface, double-headed medal of the 16th or 17th century was found at Antwerp. The heads are identified as those of the personifications of Africa and America. (Johan van Heesch)

725 WEBER, INGRID S. Die Medaillen von Ignatius Taschner (1871-1913). *GN* Vol. 24 No. 130 (1989) pp. 76-79.

Biographical information is given about Ignatius Taschner and his work, in which medals issued for carnival festivals have an exceptional position. (Peter Ilisch)

726 WESTER, ROBERT. Sylvester Sage Crosby. *PW* Vol. 23 No. 3 (15 May 1989) pp. 132-135 illus.

Crosby's ANAS membership medals are discussed and illustrated.

(Michael Hodder)

727 WILLEY, R.C. Medals of the Royal Visit of 1939. *CNJ* Vol. 34 No. 8 (Aug. 1989) pp. 286-290.

728 YARWOOD, JOHN F. The Sveriges Medal. *NI* Vol. 22 No. 10 (Oct. 1988) pp. 244-245 illus.

A medal which commemorates the 1915 launching of the *Sverige*, a Swedish battleship, is discussed. (Joseph Uphoff)

729 YOUNG, JAMES W. The Homma medal. *Num* Vol. 99 (Jan. 1986) pp. 21-39 illus.

The author discusses the medal struck by Japanese general Masaharu Homma to commemorate the conquest of the Philippines in 1942. *(Candace Carter)*

730 ZEMBORAIN, CARLOS A. La medaglia in Argentina, opere di artisti medaglisti italo-argentini. *Medaglia* Vol. 17 (1989) (Milan, Ed. S. Johnson) pp. 143-155 illus.

The author reviews the medallic activity of one series of engravers of Italian origin, working in Argentina. *(Andrea Carignani)*

For additional references to medals and decorations, see the following abstracts:

Western and Central Europe, No. 515.

Tokens and Jetons, No. 769.

PRIMITIVE MONEY

731 CASERIA, JEFF. From Bronze Cowries [sic] to Ban Liang Coins. *IFEN* No. 2 (Oct. 1989) pp. 81-86 illus.

The progression from cowry to metallic imitation cowry to inscribed metallic coinage to the widely known half-liang ("ban liang") coinage (spanning several centuries ending ca. 200 BC) is discussed. Several scarce intermediate inscribed types are presented. *(Joseph E. Boling)*

732 NATKAŃSKI, KAROL E. Zanim powstała moneta [Before the Coin Came into Being]. *Wektory* No. 3 (March 1988) pp. 56-59 illus.; No. 4 (April 1988) pp. 58-61 illus.

The author surveys the premonetary means of payment used in Oceania, Asia, the Americas, Africa and Europe, according to the historical and ethnographical sources. *(Andrzej Mikołajczyk)*

733 VAN DER SCHUEREN, J.L. Les poids d'or Ashanti. *Vie num* Vol. 39 No. 4 (April 1989) pp. 111-112.

The Ashanti weights do not belong to the category of primitive money; they are just weights. *(Johan van Heesch)*

For additional references to primitive money, see the following abstracts:

Far East, Nos. 370, 407.

PAPER MONEY

734 BIGING, KURT. Thomas Müntzer und der Deutsche Bauernkrieg auf Notgeldscheinen. *NH* No. 58 (Halle, 1989) pp. 51-63.

The author describes in a catalogue the emergency paper money with vignettes of the German Peasant War of 1525. (Paul Arnold)

735 BURSON, WELDON. Signature Combinations of Central African States Banknotes. *IBNS* Vol. 28 No. 2 (Summer 1989) pp. 36-43 illus.

Signatories of the Banque des Etats de l'Afrique Centrale and the periods of the various signature combinations are identified for notes issued from 1961 to the present. (Joseph E. Boling)

736 CARLZON, LARS M. Three Swedish-Dutch Links in the Early History of European Paper Money. *IBNS* Vol. 28 No. 1 (Spring 1989) pp. 4-17 illus.

A short history of the Stockholm Banco (founded by the Dutchman Johan Palmstruch) is given, with a detailed description of the bank's 100-daler note of 1666. The second item described is a check of 1660 on the same bank, written in Dutch. The final item is an order to one Jacob Momma, a prominent Dutch merchant in Stockholm, to pay an amount to a glassmaker. A summary of the Momma family's accomplishments in Sweden is given. (Joseph E. Boling)

737 CIFRE, GUY. *3000 Titres Francais Repertories et Cotes.* (Criswell's, Ft. McCoy, FL, 19889) 260 pp. illus.

The book comprises stocks and bonds of France and the French colonial sphere.

738 DAVIS, GUY N. *Collecting Banknotes of the Central Bank of the Philippines.* (Manila, PNAS, 1989) 60 pp. illus. ISBN 971-91145-0-9.

The four series of notes issued by the Central Bank of the Philippines (from 1949) are presented. Design and signature information and quantities printed are included. (Joseph E. Boling)

739 DEANA SALMERON, A. Nuevo billete conmemorativo de 20 Bolívaes en Venezuela. *GacNum* No. 93 (1989) pp. 11-12.

740 DENIS, GARY C. The 92.5 Cent Diefendollar. *IBNS* Vol. 28 No. 2 (Summer 1989) p. 52 illus.

A Canadian political (parody) note decrying Prime Minister John Diefenbaker's devaluation of the Canadian dollar (to 92.5 cents US) on 2 May 1962 is discussed. (Joseph E. Boling)

741 DIEL, J. Monnaies et billets de confiance sous la révolution. *Vie num* Vol. 39 No. 1 (Jan. 1989) pp. 8-15 illus.

A general survey of the emergency money (coins and paper money) issued in France during the French revolution is given. The author describes a unique example of paper money issued at Sedan (Ardennes, France) in 1792 with a value of 10 sols.

(Johan van Heesch)

742 DOMINGUEZ ARRANZ, M.A. El papel de la numismática en el conocimiento histórico. Distintas concepciones de la moneda. *GacNum* Vol. 94-95 (1989) pp. 115-120.

743 FINNEY, FREDERICK M. War secretary Stanton still puzzles historians. *BNR* Vol. 14 No. 3 (March 1986) pp. 34-35 illus.

744 FLINT, ALAN. The Twice unissued Australian five shilling note. *ACR* No. 302 (Sept. 1989) pp. 10-12.

These notes were prepared between 1940 and 1946 in anticipation of a shortage of coin, but were never issued.

(John Melville-Jones)

745 FRIEDBERG, ROBERT. *Paper Money of the United States*. (Clifton, NJ, The Coin and Currency Institute, 1989) 284 pp. illus.

This book is the 12th edition of the reference work. A new feature of the book is a section devoted to colonial and continental currency.

(Candace Carter)

746 FRIEDMAN, HERBERT A. A German Propaganda Bond for Russia. *IBNS* Vol. 28 No. 2 (Summer 1989) p. 51 illus.

A propaganda leaflet designed after a Soviet ten-ruble bond for the third five-year plan is described. The leaflet (coded 174 BS/1) was printed in October 1941 and targeted against workers and miners of the Donets Basin.

(Joseph E. Boling)

747 HEBERT, RAYMOND J. On the Paper Money of the Clerics of St. Viator. *CNJ* Vol. 34 No. 8 (Aug. 1989) pp. 304-307.

748 HOOBER, RICHARD T. Railroad Notes and Scrip of the United States, the Confederate States, and Canada. *PM* Vol. 28 No. 3 (May/June 1989) pp. 92-93 illus.

Notes of Tennessee and Texas issuers are discussed.

(Michael Hodder)

749 HOOBER, RICHARD T. Railroad Notes and Scrip of the United States, the Confederate States, and Canada. *PM* Vol. 28 No. 4 (July/Aug. 1989) pp. 127-128 illus.

Notes of Utah, Vermont, and Virginia issuers are discussed. (*Michael Hodder*)

750 HUMPHRIS, JOHN G. Journalist fights slavery. *CW* Vol. 28 No. 1417 (10 June 1987) pp. 67, 73 illus.

The author describes the 5,000-franc issued in France for the island of La Réunion, depicting Victor Schoelcher. (*Candace Carter*)

751 HUMPHRIS, JOHN G. Napoleon dominates notes. *CW* Vol. 28 No. 1415 (27 May 1987) pp. 112, 117 illus.

The author describes the 10,000 franc note which portrays Napoleon I. (*Candace Carter*)

752 HUMPHRIS, JOHN. Note depicts Manuel Quezon. *CW* Vol. 28 No. 1398 (28 Jan. 1987) p. 141 illus.

The Philippine 20-piso note, issued in 1974-79, depicted Manuel Quezon. (*Candace Carter*)

753 HUNTOON, PETER. Mary M. Costello and the First National Bank of Tombstone, Arizona. *PW* Vol. 28 No. 4 (July/Aug. 1989) pp. 118-125 illus.

754 JORDAN, REINHOLD. Bank-Note Wrappers. *NI* Vol. 22 No. 9 (Sept. 1988) pp. 209-213 illus.

A few of the wrappers used to bundle paper currency by banks are discussed and illustrated. (*Joseph Uphoff*)

755 KELLER, KENNETH. Sutler Paper. *PM* Vol. 28 No. 3 (May/June 1989) pp. 83-88 illus.

Sutler notes of the Civil War are listed and identified, updating Curto's earlier work (1946, 1949) and Schenkman's listing (1983). (*Michael Hodder*)

756 KLAUS, LADISLAV. The Czechoslovakian Currency Reform of 1953. *IBNS* Vol. 28 No. 2 (Summer 1989) pp. 48-50 illus.

The rationale for and execution of the 1953 reform are discussed. The author shows how to distinguish 1953 notes printed in the Soviet Union from those printed later in Czechoslovakia from the same plates. (*Joseph E. Boling*)

757 KONG XIANGXIAN. The Rare Note of the Republic of China—The Bank of China "Nanking Bill." *China Numismatics* Vol. 4 (1989) pp. 61-62. In Chinese.

After the founding of the Republic of China, the Nanking Branch of the Bank of China initially issued a kind of "Nanking Bill," which is the earliest banknote issued by the Bank of China.

758 KRANISTER, W[ILLIBALD]. *The Moneymakers international.* (Cambridge, Black Bear Publishing, Ltd. 1989) 326 pp. illus. ISBN 0-9514522-0-7.

A survey of banknote production techniques, both obsolete and modern, is followed by illustrated histories of banknote production in the following nations: Australia, Austria, China, England, Germany, Spain, Sweden, the United States. The book was produced with the cooperation of the state printing house of each country; much information not previously accessible is published. (Joseph E. Boling)

759 LIEBIG, MICHAEL P.A. *Terra Australis: An Adventurous Financial History of Australian Shares and Loans.* (Haar bei München, West Germany, Markt und Technik, 1988) 175 pp. illus. In parallel English and German. ISBN 3-89090-706-7.

A history of the development of stock companies in Australia and the shares and bonds that they issued. (Joseph E. Boling)

760 MAHRUKI, C. 100 Kuruşluk, Faizli Bir Osmanli Kaimesi [100 Kuruş Ottoman Paper Money with Interest]. *BültenTürkNumSoc* Vol. 26 (1989) pp. 20-23 illus.

761 MOON, ROBERT R. A History of the Banks of the City of Hudson, New York. *PM* Vol. 28 No. 3 (May/June, 1989) pp. 7-82 illus.

762 MUELLER, BARBARA A. "Standing Liberty" Bank Note Vignette. *EPJ* Vol. 46 No. 2 (Second Quarter, 1989) pp. 51-58 illus.

763 NÁNÁSI R., ÉVA. *Szegedi szükségpénzek 1915, 1918-1921* [The Emergency Money of Szeged 1915, 1918-1921]. (Szeged, Magyar Éremgyűjtők Egyesülete Csongrád Megyei Szervezete - Móra Ferenc Múzeum Szeged [Organization in Comitatus Csongrád of the Association of Coin Collectors - Móra Ferenc Museum Szeged] 1989) 159 pp. English and German summaries.

In Hungary there was a need of small change after the First World War. The towns, businesses, shops therefore issued emergency notes. The town of Szeged distributed one of the largest issues. The author has catalogued 399 types, all illustrated.

(István Gedai)

764 NGUYEN VAN PHUNG. *Paper Money of South Vietnam (1955-1975).* (Great Neck, NY, Toddy & Honeywell, 1988) 118 pp. illus. ISBN 0-89962-599-1.

This book is the first complete description of all paper money of the Republic of Vietnam from its independence from the French in 1955 to its capitulation to the Democratic Republic of Vietnam in 1975.

765 NICHOLSON, A. The Case of the Defective Star. *ACR* No. 304 (Oct.

1984) pp. 28-29.

For many years Australian banknotes which were inserted into a series to replace defective notes bore a star after their numbers. Occasionally star notes which were themselves defective were accidentally issued, and a defective pound note of this kind is illustrated.
(*John Melville-Jones*)

766 ÖLÇER, C. İnanılmaz Bir Para-Bilet [An Extraordinary Money Ticket]. *BültenTurkNumSoc* Vol. 26 (1989) pp. 24-28.

The article is about a money-ticket, issued by a group of American archaeologists working on a site in Assos/Behramköy, in the Canakkale region, in 1882, because of a lack of denominational coins.
(*Ömer Diler*)

767 ÖLÇER, C. Osmanlı Bankası Aracılığı ile Yapılan Osmanlı Devleti Borç Antlaşmaları [Ottoman Government Department Concordances with the Advocacy of the Ottoman Bank]. (Istanbul, Yenilik Basimevi, 1989) Vol. I, 362 pp.; Vol. II, 201 pp.; 39 pp. French synopsis.

This important book is published in two separate volumes. The first volume covers 59 concordances that the Ottoman Bank obtained with European countries as well as the Ottoman Bank Share Certificates. The second volume explains these documents.
(*Ömer Diler*)

768 PARKER, LARRY. *World Replacement Note Country List*. Second edition. (Santa Monica, Parker Press, 1989) 120 pp. illus. ISBN 1-774381-11-4.

Methods used to identify a note as one that has been produced as a replacement for a note damaged during manufacture are given for about 100 nations and issuing authorities.
(*Joseph E. Boling*)

769 RAYMAN, JÁNES. Adatok a szibériai hadifogolytáborok pénzeihez [Data to the Notes of the Prison Camps in Siberia]. *AzÉrem* Vol. 2 (1989) pp. 23-24.

The author describes unpublished 1/2 and 1 ruble notes of a prison camp, Bijks.
(*István Gedai*)

770 RHODES, N.G. *Obscure System: The Dating of Tibetan Banknotes*. *CMN* (Jan. 1987) pp. 89-90.

The dating system used on Tibetan banknotes is discussed. (*Author*.)

771 ROSENMAN, RICHARD. "Missing" Venezuelan Note Surfaces as Proof. *IBNS* Vol. 28 No. 2 (Summer 1989) pp. 44-47 illus.

Notes of the Central Bank of Venezuela 1940-72 are discussed, with emphasis on the sources of the notes, the artistic styles used for Bolívar's portrait, and the discovery of a never-issued 100 bolivar note with a portrait deemed "offensive." (*Joseph E. Boling*)

- 772 SANDROCK, JOHN E.** *Bank of Communications* (St. Louis, IBNS Press 1989) 76 pp. illus.

A history of the bank and an overview of the many varieties of its emissions are presented. Tables include issuing branches (with series-dates observed for each) and circulation volumes, 1912-1940.
(Joseph E. Boling)

- 773 SANDROCK, JOHN E.** The Greek Inflation Series - Some Interesting Sidelights (Continued). *IBNS* Vol. 28 No. 1 (Spring 1989) pp. 18-20 illus.

More serial number and block letter varieties and duplications on the Greek WWII inflation notes are listed and discussed.
(Joseph E. Boling)

- 774 SCHEPERS, A.-F.** Billets de la régie franco-belge des chemins de fer des territoires occupés 1923-1924. *Vie num* Vol. 39 No. 4 (April 1989) pp. 123-129 illus.

Due to the enormous inflation of the German mark in the early 1920s, the Franco-Belgian Railways Administration in occupied German territory issued in 1922 banknotes with values ranging from 5 cents to 100 French francs.
(Johan van Heesch)

- 775 SCHULZ, FRANK.** Das Notgeld des Landkreis Greifswald. *NumBeitr* Vol. 21 No. 3 (1988) pp. 120-123.

The author discusses the emergency notes of the rural district of Greifswald.
(Paul Arnold)

- 776 VORT-RONALD, M.** Australia releases a five-shilling note. *ACR* No. 302 (Sept. 1989) pp. 16-17.

The Reserve Bank of Australia has reprinted the back only of the 1946 note, on 1946 paper, as a collector's vignette.
(John Melville-Jones)

- 777 VORT-RONALD, MICHAEL P.** The 1988 Decimal Note Issues and 1989 Survey of Notes in Circulation. *ACR* No. 302 (Aug. 1989) pp. 26-29.

Full details of serial numbers and other distinguishing characteristics are given.
(John Melville-Jones)

- 778 WENDLER, LOTHAR.** Zu den Notgeldausgaben der Stadt Schneeberg in den Jahren 1917-1921. *NumBeitr* Vol. 22 No. 1 (1989) pp. 17-23.

The author discusses the emergency issues of the city of Schneeberg between 1917-1921.
(Paul Arnold)

- 779 XU JIZHOU.** A Brief Discussion on the Counterfeit Technique for the Banknote. *China Numismatics* Vol. 3 (1989) pp. 13-14 illus. In Chinese.

The article illustrates with examples some counterfeit techniques used on contemporary banknotes.

780 YANG FUXUE. The Ancient Xinjiang Currency in Kind—Coarse Cotton Cloth. *China Numismatics* Vol. 3 (1989) pp. 15-17. In Chinese.

This coarse cotton cloth was regarded as official circulating currency by the Uyghur nationality in ancient times.

781 YI YIA. Communication Bank and its Banknotes. *China Numismatics* Vol. 2 (1989) pp. 38-41 illus. In Chinese.

The Communication Bank was one of the earliest banks of China at the end of Qing Dynasty and also one of the four biggest banks at the Republic China period. This article introduces the notes issued in its early stage as well as some of its valuable illustrations.

782 YIN YI. The Comprehensive Way of Bringing Under Control of the Phenomenon of Counterfeiting Banknotes. *China Numismatics* Vol. 4 (1989) pp. 54 -56. In Chinese.

The paper analyzes the ways, types and characteristics of counterfeiting banknotes at home and abroad and also puts forward comprehensive measures to prevent and fight against counterfeiting banknotes.

783 YU TINGMING. Try to Describe the Gan Su Si Chao Bill. *China Numismatics* Vol. 3 (1989) pp. 24-27 illus. In Chinese.

During the last years of Qing Dynasty the central government issued a paper money called "official bill of ministry of revenue." Simultaneously the local government in Gan Su province also issued a paper money called "Gan Su Si Chao bill," which was issued in 1853 and continued in circulation for ca. 20 years.

784 WU CHOUZHONG and WU ZHONGYING. Also on the First Banknote Printing Plant with Engraved Steel Intaglio Plates. *China Numismatics* Vol. 4 (1989) p. 57. In Chinese.

The first banknote printing plant using engraved steel intaglio printing plates was established by the Printing Bureau of the Ministry of Finance in 1908 in China. The author collects and issues some of the sample prints printed with steel intaglio plates by the plant in 1931.

785 WU ZIQUAN. The One Jiao Note Lithograph Printing Plate of the Soviet Bank of Fujian Zhejiang-Jiangxi Province. *China Numismatics* Vol. 4 (1989) pp. 58-60. In Chinese.

From the lithograph printing plates of 1 jiao notes of the Fujian-Zhejiang-Jiangxi Provincial Soviet Bank printed by the Red Army of China in 1933 up to the present, the banking undertaking and paper money issuance of the Soviet Regime under the leadership of the Communist Party at that time were analyzed.

786 ZHAI GUOQIANG and YANG DEHUA. On the Counterfeit Notes of the Yuan Dynasty. *China Numismatics* Vol. 4 (1989) pp. 44-48.

The paper comprehensively discusses the counterfeit paper money by the common people, the measures taken by the government against counterfeiting as well as the reason of the flooding of counterfeits in the Yuan Dynasty (13th-14th centuries).

For an additional reference to the numismatics of Paper Money, see the following abstract:

Tokens and Jetons, No. 795.

TOKENS AND JETONS

787 BECHERER, KÁRELY. A bajai "Kelduspénz" [The "Begger Token" of Baja]. *AzÉrem* Vol. 2 (1988) pp. 41-44.

The alms house in Baja issued stamps which were given to the beggars and these stamps were exchanged by the alms house. The alms house issued 2 and 10 fillér tokens in 1934 as well. Abuse was impossible with this method. (István Gedai)

788 BOYACIOĞLU, G. İstanbul Metrosu Gümüş Hatıras Parası [Silver Commemorative Token of Istanbul Metro]. *BültenTürkNumSoc* Vol. 26 (1989) p. 31.

789 CLAYTON, PETER A. An unusual love-token. *SCMB* No. 840 (May 1989) pp. 105-107 illus.

A specimen of Alexander Davison's medal for the battle of the Nile, engraved in shorthand as a love-token, is discussed. (Edward Besly)

790 DE BARROS, A.O.F. Introduction to Brazilian Maverick Tokens. *NI* Vol. 23 No. 2 (Feb. 1989) pp. 29-43 illus.

A select catalogue of 100 and 500 tokens issued during the early 1900s is presented. (Joseph Uphoff)

791 DENICKE, JÜRGEN. Die Oberharzer Fördermarken. *GN* Vol. 24 No. 130 (1989) pp. 74-75 illus.

The author describes the purpose of hauling tokens from the Harz mountain and sketches the historical context. (Ulrich Thoden)

792 FERRETT, JOHN M. Yorkshire Co-op tokens. *NCirc* Vol. 97 No. 5 (June 1989) pp. 153-154.

793 HANCOCK, SIMON L. The identity of a seventeenth century token issuer of Haverfordwest. *NCirc* Vol. 97 No. 5 (June 1989) pp. 151-152 illus.

The halfpenny of Thomas Wilkin, 1669, is discussed. (Edward Besly)

794 KANALAS, JÁNOS and ZOMBORI, LAJOS. Adatok bárcáink ismeretéhez [Data to the Knowledge of Our Tokens]. *AzÉrem* Vol. 2 (1988) pp. 37-41.

The authors publish 16 different tokens. (István Gedai)

795 MAC KENZIE, KENNETH M. Paper Token Currency in Ottoman Turkey: A Private Issue. *NI* Vol. 21 No. 9 (Sept. 1987) pp. 214-215 illus.

Paper tokens issued by Perama and Nissyros during the 1970s are illustrated and discussed. (Joseph Uphoff)

796 NITOUCHE, FRÉRE. The A&R Loggie Z(n.B.) Company Tokens. *NI* Vol. 22 No. 2 (Feb. 1988) pp. 33-35 illus.

Merchant tokens issued by the A&R Loggie Company are discussed. (Joseph Uphoff)

797 RHODES, NICK and HANSEN, VAGN. Some Tokens and Passes from Nepal. *NI Bulletin* (May 1988) pp. 102-106 illus.

Fifteen coin-like objects from Nepal are published for the first time. Some are door-passes, one canteen token, one telephone token, and several uncertain use. (Authors)

798 SCHENKMAN, DAVID E. Unlisted "Hard Times" Era Counterstamp Discovered. *TAMSJ* Vol. 29 No. 3 (June, 1989) p. 103 illus.

The counterstamp J.A. Klein, an active silversmith from Leesburg, Virginia, is discovered on a worn 1826 cent. (Michael Hodder)

799 STALZER, FRANZ. *Rechenpfennige, Vol. I: Nürnberg. Siegnierte und zuweisbare Gepräge. 1. Lieferung: Die Familien Schultes, Koch und Krauwinkel. Kataloge der Staatlichen Münzsammlung München.* (Munich, Staatliche Münzsammlung 1989) 167 pp. illus. ISBN 3-9800744-6-3.

The Munich cabinet has a collection of ca. 6,000 Nuremberg counters. Those counters are described in detail, which were (1) produced by masters from the families Koch, Krauwinkel and Schultes, or (2) partly signed, or (3) partly attributed with the help of die links. The counters range from 1515 to 1635. All specimens in good condition are illustrated. (Peter Ilisch)

800 THOMPSON, R.H. Williamson the man and his books: a note for the Centenary of G.C. Williamson's Trade Tokens. *SCMB* No. 840 (May 1989) pp. 99-102 illus.

801 WANG GUICHEN. Weng Shupe and His Remaining Numismatic Works. *ColChinNumTheses* Vol. 2 (1989) pp. 69-70 illus. In Chinese.

A famous 18th century numismatist Weng Shupei acquired a very rich and complete ancient coin collection and numismatic library.

802 WILSON, LARKIN. Fuld 191-443 C-N-R-9 (Over Flying Eagle C-N Cent): A New Listing. *CWTJ* Vol. 23 No. 1 (Spring 1989) pp. 2-3 illus.

The rarity of Flying Eagle cent overstrikes is investigated. It is concluded that tokens in this special sub-classification of Patriotic CWT's are very rare. (Author)

803 WILSON, LARKIN. Yellow Metal CWT Planchet Types: X-Ray Analysis Study. *CWTJ* Vol. 23 No. 3 (Fall, 1989) pp. 6-9 illus.

Four "yellow metal" tokens were subjected to surface analysis by energy dispersive x-ray microprobe technique (EDM). One proved to be brass; one was a 71/27 gold/copper alloy; the third was brass; while the fourth was brass plated copper. The author concluded that visual examination alone was insufficient to determine metal type, especially when the tokens were polished or uncirculated. (Michael Hodder)

804 YARWOOD, JOHN D. The Mines de Khoatree Token. *NI* Vol. 22 No. 11 (Nov. 1988) pp. 268-269 illus.

A token issued to commemorate the opening of a tin mine between 1876 and 1907 in Khaotree, Thailand, is discussed. (Joseph Uphoff)

For additional references to tokens and jetons, see the following abstracts:

Western and Central Europe, Nos. 441, 474.

REVIEWS

AA.VV. Imperi Romano e Bizantino, Regni Barbarici in Italia attraverso le monete del Museo Nazionale di Ravenna (Catalogo della Mostra, Ravenna, novembre 1983 - marzo 1984). Faenza 1983. Rev. E. Ercolani Cocchi *AIIN* Vol. 36 (1989) pp. 227-231.

Actes du IXe Congrès international de numismatique, Berne, Septembre 1979, Louvain-La Neuve-Luxemburg, I-II 1982. Rev. O. Iliescu *SCN* Vol. 9 (1989) pp. 150-151.

AIMÉ, CORNU. La Detection des Faux en Numismatique. Köln 1987. Rev. J. Mader *NumBeitr* Vol. 21 No. 4 (1988) p. 180.

AUBIN, GÉRARD. Corpus des trésors monétaires antiques de la France, 3. Pays de la Loire, Paris 1984. Rev. Gh. Poenaru Bordea *SCN* Vol. 9 (1989) pp. 148-149.

BAHRFELDT, EMIL. Mittelaltermünzen. Reprint, Leipzig 1987. Rev. J. Gottschalk *NumBeitr* Vol. 21 No. 4 (1988) pp. 174-175.

BASTIEN, PIERRE. Le monnayage de Magnence (350-353), IIe ed. Wetteren 1983. Rev. B. Mitrea *SCN* Vol. 9 (1989) p. 144.

BENDALL, S. A Private Collection of Palaeologen Coins. 1988. Rev. P.J. Donald *NCirc* Vol. 97 No. 3 (April 1989) p. 85.

BERNAREGGI, ERNESTO. Moneta Longobardorum. Milan 1983. Rev. O. Iliescu *SCN* Vol. 9 (1989) pp. 149-150.

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CORRIGENDA

NL 122-35 should read MORRISSON, C. and RICHARD, J.-C.

NL 122-282 should read Conseileler instead of conseiller.

HOARD LIST

References are cited by abstract number to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

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THE AMERICAN NUMISMATIC SOCIETY
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THE AMERICAN NUMISMATIC SOCIETY

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Incorporated 1865

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PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

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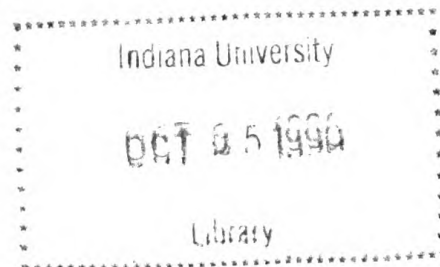
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The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

NUMISMATIC LITERATURE

No. 124

September 1990



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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Each issue of *NL* is now paged separately, rather than consecutively within each issue, and an abstract can therefore be identified by the number together with the abstract number, for example, 81-1. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. At the end of each section is a list of numbered cross references to abstracts with related material in other sections. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcomed and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a *Festschrift* or *Proceedings of a Congress*, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are removed from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

<i>IBNS</i>	<i>International Bank Note Society Journal.</i> Cedar Rapids, Iowa.
<i>The Medal</i>	<i>The Medal.</i> British Art Medal Society, England.
<i>MitaliMed</i>	<i>Mitali Medaljen.</i> Finnish Art Medal Society. Helsinki, Finland.
<i>MR</i>	<i>Münzen Revue.</i> Basel, Switzerland.
<i>NNb</i>	<i>Numismatisches Nachrichtenblatt.</i> Organ des Verbandes der Deutschen Münzvereine e.V. Speyer, W. Germany.
<i>SAN</i>	<i>Society for Ancient Numismatics Journal.</i> P.O. Box 2138, Terminal Annex, Los Angeles, CA 90051.

A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions.

GENERAL

- 1 ARNOLD, P. Münzkabinett 1987. *JbStKunstsammlDresden* Vol. 19 (1987) pp. 173-184.

The annual report contains a description of the most important acquisitions, displays, scientific research and publications, such as reports. Additionally, 2 coin finds are described: (1) the find from the church tower at Weixdorf, comprising 13 Saxon coins and 2 Saxon medals, dating from 1664 to 1860 and (2) the find from the church tower at Imnitz (present-day Zwenkau), comprising 14 small German coins and European dynasties, dating from 1478 to 1811. (Author)

- 2 ATKINSON, WILLIAM. Collector Profiles: Reiver Builds Reputation as a Leading Numismatist. *CW* Vol. 31 No. 1569 (9 May 1990) pp. 104-105 illus.

A numismatic biography of Jules Reiver is published. (Michael Hodder)

- 3 BAR-ADON, P. *Excavations in the Judean Desert*. Atiqot - Hebrew Series. Vol. 9 (1989) 91 pp. in Hebrew; 8 pp. in English. illus.

During a survey of Iron Age sites on the west side of the Dead Sea reused during the Second Temple Period a few coins were found including coins of Alexander Jan-naeus at Qasr el Yahud (p. 27) and a copper coin of Year 2 of the 1st Jewish Revolt in the "Cave of the Coin" (p. 30). (Arnold Spaer)

- 4 BARRÈS-BAKER, M.C. The New Paris Mint Museum. *SCMB* No. 842 (July/Aug. 1989) pp. 163-165 illus.

- 5 BERGHAUS, PETER. Christian Jürgensen Thomsen and Hermann Grote. *NordOldkHist* (1988) pp. 9ff.

- 6 BRUUN, CHRISTER. Patrick Bruun 70 år deb 17. april [Patrick Bruun 70 years on 17 April]. *NNUM* No. 4 (1990) pp. 66-70 illus.

An appraisal of Patrick Bruun's career in connection with his 70th birthday is followed by his bibliography 1951-1990, compiled by Christer Bruun. (Ulla Westermarck)

- 7 BUZANOWSKI, JOE and JACOBSEN, LEN. The Sky's the Limit. *Num*

Vol. 101 No. 2 (Feb. 1990) pp. 210-214; 273-277 illus.

A discussion of the gold "celestons," silver "joules," and brass "ergs," together with the assorted ephemera, created by John Thomas Mangan for his self-proclaimed Nation of Celestial Space (1948). Mangan's efforts at promoting international harmony at the height of the Cold War are particularly poignant in this era of glasnost and disarmament.

(Michael Hodder)

8 CASEY, JOHN and REECE, RICHARD. *Coins and the Archaeologist*. (London, Seaby, 1989) 306 pp. illus.

This volume is a reprint of the BAR publication of a two-day conference on "Coins and the Archaeologist," held in 1973. In response to the demand for a reprint, revisions have been made to some of the papers which bring them firmly up-to-date. There is a new version of G.C. Boon's paper on counterfeits and copies in the Roman series, and the papers of Marion Archibald and D.M. Metcalf have been extensively revised. One new paper appears, Michael King on Roman coins from early Anglo-Saxon contexts.

(Paula Turner)

9 CRIBB, JOE, COOK, BARRIE and CARRADICE, IAN. *The Coin Atlas* (London, 1990) 337 pp. illus.

A country-by-country account of world coinage, from its beginnings to the present day.

(Edward Besly)

10 CUNNALLY, JOHN. *The role of Greek and Roman coins in the art of the Italian Renaissance*. Ann Arbor, MI, University Microfilms International, 1987) 460 pp. illus.

11 DAR, S. Hirbet Somek. *Hadashot Arch* No. 94 (1989) pp. 21-23 illus. In Hebrew.

Coins excavated at this site in the Carmel range south of Haifa included a coin of the 2nd century AD, Roman coins of the 4th and 5th centuries AD, and a Crusader issue of Henry of Champagne.

(Arnold Spaer)

12 FALCO FUERTES, V. El monetario del Museo Municipal Arqueologico de Vell D'Uxó (Castellón). *Cuadernos de Prehistoria y Arqueología Castellonenses* Vol. 11 (1985) pp. 167-183.

A hoard of 71 coins is discussed.

(Leandre Villaronga)

13 FISCHER, SANDRA K. *Econolingua. A glossary of coins and economic language in Renaissance drama*. (Newark, University of Delaware Press, 1985) 180 pp. illus.

14 GALANI-CRICOU, MINA. Nomismatiko Mouseio Athenon: Ekpedefitiko programma [The Educational Program of the Numismatic Museum of Athens]. *NomKhron* (1989) pp. 113-122.

The author describes an educational program for school children which was set in motion at the Numismatic Museum of Athens at the beginning of the 1988-89 school year. Its aim was to improve the standard of school visits to the Museum. The program lasts two hours and children use actual numismatic equipment and a special answer and information booklet. (Mando Oeconomides)

15 HIGHTMAN, G.J. *The Damascus Gate, Jerusalem, Excavations by C.M. Bennet and J.B. Henessy at the Damascus Gate, Jerusalem, 1964-66*. British Archaeological Reports; BAR International Series No. 519 (Oxford 1989) illus.

On pp. 91-96 and plates 232-239, 41 out of the 117 coins found during the course of these excavations are described. The coins date from Alexander Jannaeus to 19th century Ottoman issues and include 2 coins of the Crusader King John of Brienne, 1212-1225. (Arnold Spaer)

16 ILAN, Z. Arbel—Survey in the Cave Village. *Hadashot Arch* No. 94 (1989) pp. 14-15 illus. In Hebrew.

Coin finds at this eastern Galilean site included a Seleucid coin of Antiochus VII or VIII and a Byzantine copper issue of Anastasius I. (Arnold Spaer)

17 ILAN, Z. and IZDARECHET, A. Arbel, An Ancient Town in the Eastern Lower Galilee. *Qadmoniot* Vol. 22 Nos. 3-4 (1989) pp. 111-117. In Hebrew.

140 coins were recovered as stray finds at this site. The earliest coin dates to the Hasmonaeans; the latest is Mamluk. The bulk date to the 4th and 5th century Roman and Byzantine issues. (Arnold Spaer)

18 IVOTSHKINA, N.V. The Biography of Smirnova. Yao Shuomin, translator. *China Numismatics* Vol. 1 No. 28 (1990) pp. 69-71. In Chinese.

19 JACOB, KENNETH A. *Coins and Christianity*. 2nd edition. (London, Seaby, 1985) 96 pp. illus.

20 JENSEN, J. STEEN. The Danish numismatist Christian Jürgensen Thomsen and the formation of the ancient and medieval Iberian collection of coins in the Danish National Museum. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (Sociedade Numismáticas Celebitene, Instituta de Sintra, Senterem, 1989) pp. 569-578.

21 KATEN, FRANK. The Wylie Hoard. *Asylum* Vol. 7 No. 4 (Winter 1989) pp. 9-12.

The dispersal of a large collection of numismatic auction catalogues during 1977-1978 is described. The author provides a detailed register of the contents of the hoard, which included many important 19th century sales. (Michael Hodder)

22 KREJČÍK, TOMÁŠ and ŠMERDA, JAN. Geschichte und Kultur Mährens im Spiegel der Münzen und Medaillen. Sonderausstellung der Numismatischen Abteilung des Mährischen Museums Brno (Katalog). (Dresden, 1990) 23 pp. illus.

The director of the exhibit gives an overview concerning the history of Moravian coins and economy. The survey contains numerous interesting medals relating to historical events and famous personalities.
(Paul Arnold)

23 LAGERQVIST, L.O. Konsten att göra mynt [The Art of Making Coins]. *SNT* No. 1 (1990) pp. 13-14 illus.

An interview from 1897 with the Swedish die-engraver Mrs. Lea Ahlborn is reprinted with a commentary.
(Bengt E. Hovén)

24 LEWCZUK, GRAZYNA. Oddziaływanie numizmatyki na świadomość historyczną [Numismatics' Impact on Historical Awareness]. *Muzeum i numizmatyka*. A. Mikołajczyk, Editor. (Biała Podlaska, District Museum 1990) pp. 39-46 illus.

A sociological and statistical approach to the way the District Museum in Biała Podlaska influences the public awareness of history by means of numismatic items and exhibitions is presented.
(Andrzej Mikołajczyk)

25 MAZZA, FERNANDO. *Le monete della zecca di Ascoli*. (Ascoli, D'Auria editrice, 1987) 97 pp. illus.

The author publishes a catalogue of the numismatic collection of the Civica Pinacoteca di Ascoli Piceno. The collection comprises the coinage issued by the city mint from *aes grave* of the 3rd century BC to the *baiocchi* and the *quattrini* struck during the Roman Republic (1798-1799).
(Andrea Carignani)

26 MIKOŁAJCZYK, ANDRZEJ. Lodz Museum. The Numismatic Collection. *Minervas* Vol. 12 No. 2 (Feb. 1990) pp. 27-29 illus.

The ancient, medieval and modern hoards protected in the Archaeological and Ethnographical Museum in Lodz are discussed.
(Author)

27 PECVNIA. *Skifter i mynt- och penninghistoriska ämnen* [Publications in Monetary History]. No. 1. (Stockholm, Kungl. Myntkabinettet 1990) 74 pp.

The booklet contains written versions of four public lectures, held in the Coin Cabinet in 1989: (1) Relations between the commercial banks and the industry in Sweden; (2) How Sweden made its way by borrowing; (3) Central Bankers' International; (4) The Dream of a Universal Currency.
(Ulla Westermark)

28 POLAK, TADEUSZ. Zarys historii zbiorów numizmatycznych i sfragistycznych Muzeum für Kunstgewerbe und Altentümer we Wrocławiu [Outline History of the Numismatic and Sphragistic Collections of the Art Crafts and Antiquities Museum in Wrocław]. *Muzeum i numizmatyka*. A. Mikołajczyk,

Editor. (Biała Podlaska, District Museum 1990) pp. 5-9.

The origins in the 16th century and later developments of the numismatic collections as they made a way to the Wrocław museum, Lower Silesia, are concisely reconstructed until World War II.
(*Andrzej Mikołajczyk*)

29 RAPPAPORT, V. Numismatics. *The Cambridge History of Judaism* Vol. 1 (Cambridge University Press, 1984) pp. 25-59 illus.

A summary survey including 3 plates of Jewish coinage from the Persian period to Bar Kokhba with a chapter on the Municipal Coinage of Palestine during the period AD 70-250.
(*Arnold Spaer*)

30 ROVELLI, ALESSIA. Monete e tessere. *Archeologia urbana a Roma: il progetto della Crypta Balbi 4. Il giardino del Conservatorio di S. Caterina della Rosa*. Supplemento, Biblioteca di Archeologia Medievale. (Florence, All'Insegna del Giglio 1989) pp. 61-67 illus.

The excavation of a sector of the garden of the conservatory of St. Catherine of the Rose at Rome has recovered 28 coins. The coins date from the Hadrianic age to Umberto I of Savoy (1897).
(*Andrea Carignani*)

31 SEJBAL, JIŘÍ. Die ständige Münzausstellung im Moravské muzeum in Brno. *Neue Museumskunde Berlin* Vol. 31 No. 3 (1988) pp. 210-213.

The author describes the permanent exhibit of the numismatic division of the Moravian Museum in Brno.
(*Paul Arnold*)

32 STRANGE, J. Tsippori 1988. *Hadashot Arch* No. 94 (1989) pp. 14-16 illus. In Hebrew.

Coins found during excavations at this central Galilee site included issues of Ake under Trajan and coins of Valerian, the House of Constantine, Valentinian and Valens, Honorius, Anastasius I, and Islamic issues dating until AD 749. (*Arnold Spaer*)

33 STRZAŁKOWSKI, JACEK. Zbiory numizmatyczne na wschodnich ziemiach byłej Rzeczypospolitej [Numismatic Collections in the Former Poland's Eastern Area]. *Muzeum i numizmatyka*. A. Mikołajczyk, Editor. (Biała Podlaska, District Museum 1990) pp. 31-33.

A short survey of numismatic collections existing prior to WWI in the territories once belonging to Poland (now in the Soviet Union) is presented.
(*Andrzej Mikołajczyk*)

34 TEWES, LOTHAR. Die Geschichte des Berliner Goldmünzwaagen—ihre Fabrikation und Eichung. *NH* No. 64 (Berlin, 1990) pp. 7-61 illus.

The article gives an overview concerning the manufacture of balances for gold coins in Berlin and treats in detail the individual balance manufacturers as well as the institution entrusted with the standardization of these instruments.
(*Paul Arnold*)

35 WISEHN, I. Den fotografiska myntillustrationens älder [The Beginning of Photographic Coin Illustrations]. *SNV* No. 9/10 (1989) pp. 226-228 illus.

On the 150th anniversary of the invention of photography the author gives an account of some early numismatic books with photographic illustrations.

(*Bengt E. Hovén*)

36 WOJTULEWICZ, HENRYK. Początki kolekcjonerstwa numizmatycznego na Lubelszczyźnie [Beginnings of Coin Collecting in the Lublin Region]. *Muzeum i numizmatyka*. A. Mikołajczyk, Editor. (Biała Podlaska, District Museum 1990) pp. 23-30.

The author describes the numismatic collections in the Lublin region, Poland, from the 16th to the early 20th century.

(*Andrzej Mikołajczyk*)

TECHNOLOGY AND METHODOLOGY

37 BARRANDON, J.N., FILOMENA GUERRA, M. and COSTA MAGRO, F.A. Chemical Composition of Portuguese Dinheiros. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 343-372.

38 CARTER, G.F., RODRIGUES MARINHO, J., and GOMES MARQUES, M. Chemical Compositions of Cornado Novenes of Sancho IV of Castile-Leon. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 307-316.

39 CARTER, G.F. Enriched silver coatings on some Portuguese dinheiros and Castilian cornados. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 55-56.

40 CARTER, G.F. Silver determinations by x-ray fluorescence in Uncleaned Portuguese dinheiros. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 373-378.

41 CHARD, JACK. Late 18th Century Coinage Dies: The Metallurgical Processes Involved. *ColN* Vol. 30 No. 1 (March 1990) pp. 1136-1143 illus.

The author examines the technical processes involved in making coinage dies in the late 18th century. Correspondence between William Huntsman and Matthew Boulton is quoted, showing Boulton's reliance upon Huntsman's new method for making fine grained, long wearing, steel for dies.

(*Michael Hodder*)

- 42 CLAY, TERESA.** Metallurgy and Metallography in Numismatics. *NumAntClas* Vol. 17 (1988) pp. 341-352.

The author publishes the first concise description concerning the various technical phases of the striking of the crude metal in various alloys. (Andrea Carignani)

- 43 DAI ZHI-QIANG and WANG TI-HONG.** Analysis of the Metallic Content of Northern Song Cash Coins. Jeff Caseria, translator. *IFEN* No. 3 (Dec. 1989) pp. 34-50 illus.

Cash coins of 62 Northern Song reign titles were chemically analyzed; the metallographic structures of 7 of them were also examined. Results of the chemical analyses were combined with those of 119 complementary Northern Song coins previously performed by Japan's Hakodate Municipal Museum to prepare a comprehensive presentation of the alloys used for Northern Song cash. The findings were copper 62-68 percent, lead 20-25 percent, tin 6-9.5 percent, and traces of zinc, silver and bismuth. The article also surveys several other analyses of coins of other eras and draws conclusions about minting standards in several periods of Chinese history. (Joseph E. Boling)

- 44 ESTY, WARREN W.** Percentile plots and other methods of graphing coin weights. *NC* (1989) pp. 135-147.

Percentile plots, stem-and-leaf plots, and box plots are introduced as alternatives to histograms for graphing coin weights. Percentile plots are recommended because they present a more complete and more easily interpreted visual impression than a histogram and because they facilitate comparisons of two or more samples. (Author)

- 45 GOMES MARQUES, M. and GOMES MARQUES, M.M.** Weight Variation and Gresham's Law. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 485-498.

- 46 LLORENS, M.M.** Estimación del número de culos originales y volumen monetario de la ceca de Ilici. *Lucentum* Vol. 6 (Anales de la Universidad de Alicante, 1987) pp. 165-181.

- 47 PEIXOTO CABRAL, J.M. and RODRIGUES MARINHO, J.** Nondestructive Examination of Four Plated Almoravid Qirats. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 175-186.

- 48 PEIXOTO CABRAL, J.M., RODRIGUES MARINHO, J. and GOMES MARQUES, M.** On the Metrology of the Reals de Dez Soldos of the Master of Avic and its Typological Implications. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 411-446.

- 49 PELLICER I BRU, J.** Metrological Considerations on a Document Concerning the "Paries" Paid by Ahmad al-Muktadir of Saragossa to San-

cho IV Greces of Navarra. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 191-208.

50 RODRIGUES MARINHO, J. and PEIXOTO CABRAL, J.M. On the Silver Contents of the Dirhams Issued by Hisham II in AH 403 (AD 1012-13). *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 99-106.

51 SCHMITT-KORTE, KARL and COWELL, MICHAEL. Nabataean Coinage (Part I). The Silver Content Measured by X-ray Fluorescence Analysis. *NC* (1989) pp. 33-58 illus.

The Nabataean kings of Petra minted coins during the 1st century BC and the 1st century AD. The silver content of these issues has been a matter of uncertainty in the past because the available results were based on measurements by specific gravity. A series of 60 coins was analyzed in the British Museum by x-ray fluorescence showing that the silver content decreased in three distinct levels from 90 to 50 percent. The study shows the importance of sample preparation (surface cleaning) of the coins and illustrates the problems caused by the inhomogeneous metal structure. The results obtained by different analytical methods and techniques are critically compared. The final curve of the silver content now allows reliable historical conclusions.
(Author)

52 SERRESTAM, S. Modeller av tre myntpräglingsmaskiner. Deras historia och funktion. [Models of Three Coining-Presses. Their History and Function.] *SNT* No. 1 (1990) pp. 4-7 illus.

Three different models are constructed and described: (1) water-powered rolling mill; (2) manual sledge-mill; (3) water-powered sledge-mill for coining of plate money.
(Bengt E. Hovén)

53 WHITE, WEIMAR A. Sulfide and the Toning Process. *Num* Vol. 103 No. 1 (March 1990) pp. 398-402 illus.

Several 84 percent silver/16 percent copper quarter dollars were placed in a 1 percent sodium sulfide solution for varying lengths of time. The quantities of metal sulfides resulting were estimated and the toning colors recorded. Using an ammonium molybdate colorimetric procedure, the estimated sulfide amounts were found to be very close to the analytical results. Toning colors, therefore, can be used as an approximate guide to the amounts of sulfides on toned silver/copper coins of this alloy.
(Michael Hodder)

54 ZOU ZHILIANG. A Study on the Rise and Fall Cycle of the Xian Feng Big Coin. *China Numismatics* Vol. 1 No. 28 (1990) pp. 58-64. In Chinese.

The rise and fall of the Xian Feng Big Coin of the Qing Dynasty is studied in a statistical manner.

For additional references to Technology and Methodology, see the additional abstracts:

General, Nos. 24, 34.

Greek, No. 80.

Roman, Nos. 112, 131.

Near and Middle East, Nos. 210, 211, 222.

Far East, Nos. 256, 258, 265.

Great Britain and Ireland, Nos. 298, 301.

Western and Central Europe, Nos. 325, 331, 336, 340, 383, 421.

Eastern Europe and the Balkans, No. 425.

United States, No. 470.

Paper Money, Nos. 576, 577.

Tokens and Jetons, No. 617.

GREEK

55 ASHTON, RICHARD H.J. A Series of Rhodian Didrachms from the mid-Third Century BC. *NC* (1989) pp. 1-13 illus.

The author discusses a series of Rhodian didrachms, which have on the reverse the letter symbol combinations ΔΙ and star, ΔΙ and star on pileus, and ΕΥ and harpa (*BMC* 49-55). Principally on the basis of the hoard evidence he concludes that either they belong to a short gap between the unrayed and the rayed didrachms with magistrates' names in full (*BMC* 43-48 and 129-152, respectively), or they are contemporary with the first issues of the latter. They are dated to ca. 250 B.C.

(Author)

56 ASHTON, R.H.J. Knossos Royal Road South 1971 and 1972 excavations: the coins. *BSA* Vol. 84 (1989) pp. 49-60.

The author publishes 82 coins from the 1971 and 1972 excavations at the Royal Road South, Knossos. As would be expected, most of the coins are bronze, and Cretan or late Roman. There are no particular surprises, except for an Alexandrian bronze of Augustus in a hitherto apparently unpublished denomination.

(Author)

57 AUGE, CHRISTIAN. Les monnaies grecques. *Paris. Administration des Monnaies et Médailles. Les collections montaires*. Vol. I. (Paris, 1985) pp. 13-31 illus.

58 BRANDT, HARTWIN. Kulte in Aspendos. *Istanbuler Mitteilungen*. Vol. 38 (1988) pp. 237-250.

The imperial coinage of Aspendos with the representations of the deities does not yet show the existence of a deity which corresponds to the city. The author discusses the veneration of the cult of a deity and its manifestations.

(Wolfgang Leschhorn)

59 CALLU, JEAN-PIERRE. Monnaies de Compte et monnaies réelles: L'ostrakon 54 de Douch. *ZPE* Vol. 79 (1989) pp. 73-79.

An ostraka from Douch in Egypt has a statement of accounts, which scrupulously equates a "noummion" with 4 talents or 6,000 denarii. (Wolfgang Leschhorn)

60 CANTILENA, R. Materiali dello scavo. *Laos I. Scavi e Marcellina 1973-1985*. (Taranto: Istituto per la Storia e l'Archeologia della Magna Grecia 1989) pp. 65, 72, 77, 87-88, 93, 99, 101.

The author publishes a list of the finds from the excavations of Marcellina: bronze coin of Laos (4th-3rd centuries), Metapontum, Thurium, Rome (1 libral). From the area of Regina, within a building which was possibly the center of the city mint, 19 bronze non-monetary circular pieces were found. (Sara Sorda)

61 CANTILENA, R. Rinvenimento di un'officina monetale a Laos. Problemi di circolazione e produzioni monetaria. *Laos I. Scavi a Marcellina 1973-1985*. (Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia, 1989) pp. 25-41 illus.

In numerous archaeological campaigns on the hillside of Marcellina in the area of S. Maria del Cedro, from 1973 onward, were found 72 bronze coins and 1 didrachm. The majority of the coins are from Magna Graecia (4th-3rd centuries), 1 bronze of Syracuse, 2 *aes grave* with prow. The primary mint represented was Laos with 25 coins, which formulated the hypothesis that the hellenistic location of Laos was possibly the hill of Marcellina. A critical presentation of the coinage of Laos follows.

(Sara Sorda)

62 CHRISTIANSEN, ERIK. Om de alexandrinske mønter før Zoëga. [On the Alexandrian Coins Before Zoëga]. *NNUM* No. 4 (1990) pp. 70-74 illus.

Very few hoards of Alexandrian coins seem to have been buried outside Egypt. The author concludes that these coins first entered Europe in the 9th century with Venetian tradesmen and from Venice spread northward. The portion of Alexandrian coins in old collections of the 16th-17th centuries is surveyed. (Ulla Westermark)

63 DEPPERT-LIPPITZ, BARBARA. *Die Münzprägung Milets vom vierten bis ersten Jahrhundert v.Chr.* (Aarau, Verlag Sauerländer, 1984) 223 pp. illus.

64 DIMITROV, KAMEN. Trésor de monnaies hellénistiques de Nicopolis ad Nestum (*IGCH* 829). *Archéologia* Vol. 30 No. 1 (1988) pp. 44-56 illus. In Bulgarian; French summary.

The author publishes a hoard comprising tetradrachms of Athens and posthumous Alexanders. The interpretation of the author is almost entirely revised by Boriana Rousseva in her article, La circulation monétaire, *Numismatika*, Vol. 23 No. 4 (1989) pp. 18-20. (I. Youroukova)

65 FAVORITO, EMILIO N. *The Bronze Coinage of Ancient Syracuse*. (Boston, SHN 1990) 54 pp. illus.

66 GOLENKO, B.K. Monety rannikh selevkidov v sobranii Gosudarstvennogo Istoricheskogo Muzeia [Coins of the Early Seleucids in the Moscow Historical Museum]. *VDI* No. 1 (1985) pp. 47-55 illus. In Russian; English summary.

67 GOODALL, JOHN A. Civic Devices and Pre-Hellenistic Greek Coin Types: A Survey. *SCMB* No. 844 (Oct. 1989) pp. 231-235 illus; No. 849 (April 1990) pp. 67-72; No. 850 (May 1990) pp. 102-107.

68 GORINI, GIOVANNI. Una moneta di Ballaios da San Domino (Isole Tremiti). *RIN* Vol. 91 (1989) pp. 7-32 illus.

On the basis of a coin in the Museo Civico di Storia Naturale of Verona, the author examines the problems of issues of the Illyrian King Ballaios (2nd century BC), struck in the mint of Rizon. The author outlines a geographical plan of the finds.

(Andrea Carignani)

69 GOUNAROPOULOU, L. and HATZOPOULOS, M.B. Les Milliaires de la Voie Egnatienne entre Héraclée des Lyncestes et Thessalonique *Meletemata* I. (Paris, de Boccard, and Athens, Kentron Ellenikes kai Romaikes Arhaiotetos 1985) 109 pp. illus.

The study of milestones of the Roman period in Macedonia has provided a small amount of topographical evidence for the sites of ancient Greek minting cities in the area.

(John Melville-Jones)

70 HOLLOWAY, R. ROSS. *Ripostigli del Museo Archeologico di Siracusa*. Bibliotheca 2, Istituto Italiano di Numismatica. (Rome, Centro Internazionale di Studi Numismatici Napoli 1989) 90 pp. illus.

The publication of 8 hoards of ancient Greek coins in the Museo Archeologico of Syracuse is presented. The author discusses the finds made at Cesaro, Canicattini, Palazzolo Acreide, Gela (Capo Soprano), Mineo, Camarina, Scoglitti and Gela, dating to the second half of the 4th century BC.

(Andrea Carignani)

71 HOUGHTON, A. and SPAER, A. New Silver Coins of Demetrius III and Antiochus XII at Damascus. *SM* Vol. 157 (Feb. 1990) pp. 1-5 illus.

The authors add a drachm and hemidrachm issues to the coinage of Demetrius III struck at Damascus, and suggest that the reverse diadem motif of the latter may have been the prototype of the reverse of certain coins of the Hasmonaean king, Alexander Jannaeus. Four tetradrachms of Antiochus XII are added to the three cited by Newell in *LSM*.

(Arthur Houghton)

72 HOUGHTON, ARTHUR. The Royal Seleucid Mint of Soli. *NC* (1989) pp. 15-32 illus.

The article reviews the known Seleucid coinage produced at the mint of Soli in Cilicia, which began as an important operation during the later reign of Antiochus

III (at Soli, 197-187 BC). The mint's production thereafter did however become increasingly intermittent until the mint closed under Antiochus VII (138-129 BC). Issues of Antiochus III, Seleucus IV, Antiochus IV, Demetrius I and Demetrius II (first reign) are added to the Solian coins already identified by Mørkholm, Le Rider and the author. (Author)

73 LANGE, OTTO. Zur Münzprägung der kilikischen Stadt Syedra unter den Kaisern Valerianus und Gallienus (253-268 n.Chr.). *Berichte* Vol. 219 (1989) pp. 817-830 illus.

The author interprets primarily the representations of the god Ares and the agonistic motif on the imperial coinage of Syedra. The value marks on the coinage of southeast Asia Minor under the Emperors Valerianus and Gallienus were meant in part as issue marks. (Wolfgang Leschhorn)

74 LE RIDER, GEORGES. L'atelier Séleucide de Lysimachie. *NumAnt-Clas* Vol. 17 (1988) pp. 195-207 illus.

Reexamining the monetary series of the Seleucids issued from the mint of Lysimacheia, the author proposes to assign to the series WSM 1615-1620 to Antiochus II rather than to Antiochus III, thus correcting the previous classification proposed by E.T. Newell. (Andrea Carignani)

75 LINDGREN, HENRY CLAY. Ancient Greek Bronze Coins: European Mints from the Lindgren Collection. (San Mateo, CA, Chrysopylon Publishers, 1989) 89 pp. illus.

The book contains 1,868 coins with the description, index, and illustration. A number of previously unpublished types and varieties as well as commoner types are presented. (Author)

76 MARTINI, R., Editor. *Sylloge Nummorum Graecorum, Italia, Vol. 1: Hispania-Gallia enellenica* (Milan, Civiche Raccolte Numismatiche 1988) pp. 13-69.

The work contains 436 coins.

(Leandre Villaronga)

77 MARTINI, RODOLFO. *Sylloge Nummorum Graecorum Italia. Milano Civiche Raccolte Numismatiche. Vol. XII. Aegyptus 1 Ptolemaei*. (Milan, Comune di Milano. Edizioni ennerre. 1989) 146 pp. illus.

The coinage of Ptolemaic Egypt in the Civiche Raccolte Numismatiche of Milan is ordered chronologically from Ptolemy I to Cleopatra VII and then divided by the issuing mints (Alexandria, Cyrene, workshops of Palestine, of Phoenicia and of Cyprus). (Andrea Carignani)

78 MASSON, OLIVIER. Quelques noms de magistrats monétaires grecs. V: les monétaires de Kymé d'Eolide. *RN* Vol. 28, 6th series (1986) pp. 51-64 illus.

79 MIELCZAREK, MARIUSZ. *Ancient Greek Coins Found in Central, Eastern and Northern Europe.* (Wrocław-Warsaw-Kraków-Gdańsk-Łódź 1989) 205 pp. illus. Polish summary.

The Greek coins found in central, eastern and northern Europe are the basis for a study of the inflow of these coins into the vast area in question from the 4th to the late 1st century BC. Most of the ca. 180 catalogued finds contained the hellenistic pieces, while the whole chronological scope of the issues ranged from late 7th to late 1st century BC. The Sicilian and South Italian coins made their way to barbarian Europe in the 4th-3rd centuries BC by means of the amber trade. The Macedonian coins, mainly those of Philip II and Alexander the Great, were redistributed by the Celts and similarly the Thracian and Thasos pieces by the Geta-Dacians, mostly in the 1st century BC. The coins struck in the northern Black Sea zone crossed the Scythian area. The Seleucid silver and bronze pieces were redistributed partly by the Geta-Dacians and partly by the Roman soldiers. A number of Egyptian bronzes penetrated the Barbaricum from the Roman imperial borderland. The Greek coins in the area in question played a role of a commodity based on their metallic value.

(Andrzej Mikołajczyk)

80 ODDONE, MASSIMO and SAVIO, ADRIANO. Indagine, mediante analisi per attivazione neutronica strumentale, del contenuto di alcuni tetradrammi alessandrini di Nerone. *RIN* Vol. 91 (1989) pp. 131-150.

The analyses conducted on the silver content of the tetradrachms struck at the mint of Alexandria in the reign of Nero yield new light on the method of reducing the purity of the silver of this coinage, following the great reform of AD 64, adjusting the coin to the denarius of Rome.

(Andrea Carignani)

81 OECONOMIDES, MANDO. Archaikos thesauros argyron nomismaton apo to Pontolivado (1971) [An Archaic Hoard of Silver Coins from Pontolivado (1971)]. *Recherches Franco-Hellénistiques* Vol. 1: In Memory of Demetre Lazaridis. (Thessaloniki, 1990) pp. 533-537 illus.

In 1971 during the excavations at Pontolivado, ca. 18 km. east from Kavala, was discovered a hoard of 55 archaic silver coins from Neapolis (12 staters and fractions) and Thasos (10 staters and 29 fractions). This hoard with its especially rare coins seems to correspond to a city mentioned by Herodotus—Pistyrion, an important economic and commercial center with Thasos. The discovery of this hoard will contribute to the study of the coin circulation of Thasos and Neapolis. The opinion of Olivier Picard that these fractions of Thasos were indeed struck by Thasos and not by Lete in Macedonia is confirmed.

(Author)

82 ROLL, I. and AYALON, E. *Apollonia and Southern Sharon—Model of a Coastal City and its Hinterland.* (Tel-Aviv, 1989) 354 pp. illus. In Hebrew; 7 pp. English summary.

This book frequently refers to coin finds in this specific area. The references are summary and not detailed. On p. 126 a photograph of a hoard of more than 40 Ptolemaic tetradrachms of the 3rd century BC appears.

(Arnold Spaer)

83 ROUSSEVA, BORIANA. La circulation monétaire en Thrace pendant la haute époque hellénistique. *Numizmatika* Vol. 23 No. 2 (1989) pp. 15-19 illus; *Numizmatika* Vol. 23 No. 3, pp. 14-31 illus; *Numizmatika* Vol. 23 No. 4, pp. 3-27 illus. In Bulgarian; French summary.

The monetary hoards of the late hellenistic period, found in Thrace, may be divided into 3 chronological groups. The first group contains the hoards whose composition, for the most part, is formed by coins which are the most popular in Thrace during the third quarter of the 4th century BC—the hemidrachms of the Thracian Chersonese and Parion. The deposit locations of these hoards lie within the Macedonian territory of Thrace during the time of Philip and Alexander the Great. The second group comprises hoards of gold, silver and bronze coins with types of Philip and Alexander the Great. The dates of deposit are in the last two decades of the 4th century BC. The third group is formed by the hoards containing tetradrachms and drachms with the types of Alexander the Great as well as the royal tetradrachms of Lysimachus, Seleucus and Antiochus. The deposit dates of this last group fall within the first half of the 3rd century BC. Most of these hoards were discovered in eastern Thrace or north of the Hemus, where their concentration is especially dense.

(I. Youroukova)

84 TONDO, L. La scoperta della monetazione di Iasos negli studi numismatici. *Studi su Iasos di Caria*. Supplemento al Bollettino d'Arte n. 31-32. (Rome, Ministero Beni Culturali e Ambientali, 1987) pp. 163-169 illus.

The first information concerning the existence of a mint at Iasos is furnished in the last decades of the 16th century by the archivist Antonio Agostini. His work was translated into Italian and integrated by Ottaviano Sada. Among the scholars who studied this coinage, the author particularly notes Domenico Sestini, who increased and corrected the available information.

(Sara Sorda)

85 TOURATSOGLU, IOANN. O 'Thesaurus' Adam Zagliveriou/1983 sto Mouseion Thessalonikis (Athinaï ka tetradrachma 'Neas Technotropias' sti Makedonia) [The Adam Zagliveriou/1983 Hoard in the Museum of Thessaloniki—Athenian 'New Style' Tetradrachms in Macedonia]. *NC* Vol. 8 (1989) pp. 7-20.

A new hoard containing 38 New Style Athenian tetradrachms (deposit date ca. 95 BC) is studied and compared with other similar hoards from northern Greece. The inflow of Athenian coins in Macedonia after 145/144 BC is explained by the turbulent political situation in this province and is due to the Romans' initiative to face, with this coinage, the Thracian raids as well as the invasion of Mithridates VI Eupator. The author supports Morkhølm's theory on the date of the beginning of the New Style Athenian silver.

(Mando Oeconomides)

86 VACANO, OTFRIED VON. *Typenkatalog der antiken Münzen Klein-asiens*. (Berlin, D. Reimer, 1986) 512 pp. illus. ISBN 3-496-00848-2.

87 VISMARA, NOVELLA. *Sylloge Nummorum Graecorum Italia. Milano*

Civiche Raccolte Numismatiche. Vol. II: Gallia ellenica-Guerra sociale. (Milan, Comune di Milano, Edizioni ennerre 1990) 118 pp. illus.

This volume comprises the issues of Greek coinage of Massalia, Cisalpine Gaul, Etruria, Umbria, Latium, Picenum and Samnium, held in the Civiche Raccolta Numismatiche of Milan.
(Andrea Carignani)

88 WESCOAT, BONNA DAIX. *Syracuse, The Fairest Greek City: Ancient Art from the Museo Archeologico Regionale 'Paolo Orsi'.* (Rome, De Luca Edizioni d'Arte, 1989) 123 pp. illus.

This catalogue concerns the exhibits at Emory University Museum of Art and Archaeology, Atlanta and the Museo Archeologico Regionale 'Paolo Orsi', Syracuse. Of particular interest are the chapters: (1) Syracuse and the Monies of Simonides by Anne Carson; (2) Trading with the Homeland: Commodities and Ideas by Maria-Teresa Lanza and Bonna D. Wescoat; and, (3) Coining an Image by Robert Bauslaugh and Giuseppina Tranchina.
(Candace Carter)

89 WESTERMARK, ULLA. *En tetradrachm från Aigai i Aiolis. Llt. Festschrift till Lars O. Lagerqvist (NM 37, Stockholm 1989) pp. 471-475 illus. English summary.*

A description of a wreathed, hellenistic tetradrachm of Aegae from ca. 150 B.C. is given. The coin was donated to the Royal Coin Cabinet, Stockholm, in 1987.
(Author)

90 WESTERMARK, ULLA. *Remarks on the Regal Macedonian Coinage c. 413-359 B.C. Kraay-Mørkholm Essays (Louvain-la Neuve, 1989) pp. 301-315 illus.*

The author surveys the regal Macedonian coinage from Archelaos to Philip II with regard to coin types and weight standards. With the help of some published overstrikes a series of bronze coins can with certainty be attributed to Alexander II. A provisional catalogue of bronze coins is appended.
(Author)

91 YUOROUKOVA, IORDANKA. *Le monnayage tribal thrace et le grand trafic commercial pendant la première moitié du Ve s. av.n.e. Numismatika Vol. 23 No. 3 (1989) pp. 3-14 illus. In Bulgarian; French summary.*

Synthesizing the information concerning the hoards containing Thracian tribute money, a perspective regarding coin circulation in the region around the eastern Mediterranean basin during the first half of the 5th century BC can be considered. Certain features are significant, for example, 6 hoards, whose contents illustrate the simultaneous circulation of coinage from the Thracian-Macedonian orbit and coinage from the South Italy and Magna Graecia orbit, particularly that of Zancle-Messana. On the other hand, local circulation is manifested well by hoards of Prilep, Štip and Velickovo, which contain coinage with the triskeles symbol.
(Author)

92 ZEDELIUS, VOLKER. *Mit Aphrodite zur letzten Ruhe. Eine griechische Kleinbronze aus Nikaia (Bithynien) in Bonn. Berichte aus der Arbeit*

des Museums 3 (Bonn, Rheinisches Landesmuseum 1989) pp. 43-44 illus.

A rare small bronze, which was struck under Severus Alexander and depicts the crouching Aphrodite between 2 Cupids, was found in a grave in Bonn. The coin dates to AD 390.
(Wolfgang Leschhorn)

93 ZODDA, DANIELA. Contributo alla storia della monetazione di Erice nel V sec. a.C. *RIN* Vol. 92 (1989) pp. 3-26 illus.

Among the principal aspects which characterize the coinage of Eryx in the 5th century BC the author highlights in relief: the discontinuation of the coinage, the circulation limited to western Sicily, and the strong ideological-religious ties with the sanctuary of Aphrodite Eryx.
(Andrea Carignani)

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 10, 16, 26, 29.

Iberian, No. 107.

Roman, Nos. 126, 133, 134, 156, 174, 184.

CELTIC

94 COWELL, M.R., ODDY, W.A., and BURNETT, A.M. Celtic Coinage in Britian: new hoards and recent analyses. *BNJ* Vol. 57 (1987) pp. 1-23 illus.

Seven recent hoards—two of Gallo-Belgic E, two of British B and three of Durotrigian coins are published. Analyses of these and other British Museum coins are presented.
(Edward Besly)

95 HASELGROVE, COLIN. The Archaeology of British Potin Coinage. *ArchJ* Vol. 145 (1988) pp. 99-122. Also in microfiche.

A review of the origins, chronology and changing circulation patterns of the potin coinage of Iron Age Britain.
(Edward Besly)

96 KELLY, D.B. Celtic Coins. *ArchCantiana* Vol. 105 (1988) pp. 303-305.

Seven recent Celtic coin finds from Kent are summarized.
(Edward Besly)

97 SYMONS, DAVID. A silver unit of Andoco. *NCirc* Vol. 97 No. 9 (Nov. 1989) p. 289 illus.

98 VAN ARSDELL, ROBERT D. A new (but illegible) inscription on a Cantian stater. *NCirc* Vol. 97 No. 10 (Dec. 1989) p. 323 illus.

99 VAN ARSDELL, R.D. *Celtic Coinage of Britain*. (London, 1989) 584 pp. illus.

A new type-catalogue of this series is published. (Edward Besly)

100 VAN ARSDELL, ROBERT D. The Face on the Defaced Die Staters. *NCirc* Vol. 97 No. 6 (July/Aug. 1989) pp. 190-191 illus.

101 VAN ARSDELL, ROBERT D. The Silver Minims of Commius. *NCirc* Vol. 97 No. 9 (Nov. 1989) p. 289 illus.

For additional references to Celtic numismatics, see the following abstracts:

Greek, No. 79.

Roman, Nos. 133, 134.

PUNIC

102 ACQUARO, E. and MANFREDI, LORENZA ILIA. Rassegna di numismatica punica 1986-1988. *Studi di Egittologia e di Antichità Puniche* Vol. 5 (1989) pp. 5-65.

103 ELAYI, JOSETTE and ELAYI, ALAIN GERARD. Abbreviations and Numbers on Phoenician (pre-Alexandrine) Coinages: the Sidonian Example. *NumAntClas* Vol. 17 (1988) pp. 27-36 illus.

The authors examine the movements of plated specimens of the coin series of Side, by investigating the characteristics of the issues of the Phoenician city before its first conquest by Alexander. From this study emerges a progressive evolution of a mint-age rather uncertain and sporadic at first to a regulated succession of issues in the last Persian period, counterstamped and distinguished by the initials of the king and the year of his reign. (Andrea Carignani)

For an additional reference to Punic numismatics, see the following abstract:

Iberian, No. 107.

ETRUSCAN

104 *Antichità dell'Umbria a Budapest e Cracovia: Gens antiquissima Italiae.* (Perugia: Electa, Editori Umbri Associati 1989) pp. 140-152 illus.

In the section entitled *Monetazione preromana in Umbria: le zecche di Tudor ed Iguvium*, coinage from the Museo Civico di Todi is discussed.

(Candace Carter)

For an additional reference to Etruscan numismatics, see the following abstract:

Greek, No. 87.

IBERIAN

105 ALFARO ASINS, C. Monedas con indicación de procedencia recientemente integradas en la Sección numismática del M.A.N. III. *BolMan* Vol. 6 (1988) pp. 59-79.

106 ARROYO ILERA, R., MATAPARREÑO, C. and RIBERA I LACOMBA, A. Aproximación a la circulación monetaria de las comarcas interiores de la provincia de Valencia. *Saguntum* Vol. 22 (1989) pp. 363-391.

The hoard comprises 152 coins: 37 Iberian, 31 Roman Republican and the rest Roman Imperial.

(Leandre Villaronga)

107 VILLARONGA, L. The Tangier Hoard. *NC* (1989) pp. 149-162 illus.

A hoard of 121 silver coins is discussed. The coins are: 85 Spanish-Carthaginian; 13 Spanish non-military; 3 quadrigati; 5 Hannibalic coins in Italy; 3 Tarentum; 8 Sicily-Carthaginian; 1 Iola; 1 Dyrrachium; 1 Amphipolis; and 1 Magnesia on the Maeander. The hoard appears to be a savings hoard and not a currency hoard. The probable date for the burial is 211-210 BC.

(Edward Besly)

ROMAN

108 BAKOS, MIKLÓS, BIRÓ-SEY, KATALIN, FITZ, JENO, LÁNYI, VERA, TORBÁGYI, MELINDA. Die Fundmünzen der römischen Zeit in Ungarn. Band I. Komitat Fejér. (Bonn-Budapest, 1990) 439 pp. illus.

The authors publish the Roman hoards from Comitatus Fejér. In all, there are 80 hoards, although single finds are listed as well. The authors include the findspot, the circumstances of the discovery and the description of each accession. A collection in the Museum of Székesfehérvár is also published. (István Gedai)

109 BARCLAY, C.P. A follis hoard from Larinum. *NCirc* Vol. 97 No. 8 (Oct. 1989) pp. 259-260.

A hoard of at least 1,751 coins, latest ca. AD 315, found in 1981 in the Molise region of S. Italy. 500 coins are summarized and discussed. (Edward Besly)

110 BELLONI, GIAN GUIDO. Celebrazioni epiche in medaglioni di Antonino Pio. *Serta Historica antiqua* Vol. 16 (Rome, Giorgio Bretschneider 1989) pp. 191-205 illus.

Several episodes of the myth and ancient history of Rome are selected to be represented on 7 medals of the Antonine Age. Although the intention is celebrated, the execution is rather sterile. The typological origins of and references to classical statuary are revived. These works are considered as a pure academic expression of cultural erudition. (Andrea Carignani)

111 BERGER, FRANK. *Die Münzen der römischen Republik im Kestner-Museum Hannover.* (Hannover, Kestner-Museum 1989) 539 pp. illus.

A total of 3,952 coins of the Roman Republic in the possession of the Kestner Museum are illustrated and briefly described. (Wolfgang Leschhorn)

112 BLANCO JIMENEZ, F.J. Las monedas de la necrópolis romana de Cádiz de época imperial. *Congreso Internacional Estrecho de Gibraltar, Ceuta, Nov. 1987.* (Madrid, Universidad a Distancia de Madrid 1988) pp. 1033-1045.

A hoard of 287 coins is studied statistically. (Leandre Villaronga)

113 BLAND, ROGER. Two mid-fourth century coin hoards from North Africa. *NC* (1989) pp. 173-190 illus.

The author publishes 2 hoards from North Africa. Buried ca. AD 356 and ca. AD 358, respectively, the hoards consist of 318 and 43 coins. The great majority have the **FEL TEMP REPARATIO** reverse type. The author draws attention to a number of unpublished varieties and compares them with other similar finds from North Africa; 18 specimens are illustrated. (Author)

114 BOJKOVA, BISTRA. Médaillons romains—Ive s. des terres bulgares. *Numizmatika* Vol. 23 No. 3 (1989) pp. 31-38 illus. In Bulgarian; French summary.

The author publishes 9 Roman medallions—5 in gold and 4 in silver—dating from the 4th century, with Bulgarian provenance. Three of the silver medallions (dating from Constantine I and Constantine II) form part of the same hoard of Debelt, located near the ruins of Deultum. This hoard will soon be published. (I. Youroukova)

115 BUTCHER, KEVIN. Two Notes on Syrian Silver of the Third Century AD. *NC* (1989) pp. 169-172 illus.

I. Silver drachms of Caracalla from Petra. Ca. 211-212 the city of Petra in Arabia issued a rare group of silver drachms bearing the reverse type of the city's Tyche. Although the only two certain provenances for the coins are in Europe, the style and reverse type of these drachms point to Petra as the likely mint. Seven specimens have been traced. II. Uranius Antonius—A missing link: A new tetradrachm of Uranius Antoninus provides an obverse die link between his base silver tetradrachm series and the first issue of his pure silver tetradrachm series. (Author)

116 CALABRIA, PATRIZIA. Il *quincussis* ritrovato. *RIN* Vol. 91 (1989) pp. 67-71 illus.

The author confirms the authenticity of a *quincussis* of Musei Capitolini belonging to the liberal phase of the Roman series of the prow. The piece, of extreme rarity, carries on its obverse the double-headed Janus. (Andrea Carignani)

117 CAMPANA, ALBERTO *La monetazione degli insorti italici durante la guerra sociale (91-87 a.C.)*. (Modena, Apparuti Edizioni Soliera, 1987) 153 pp. illus.

After a detailed reconstruction of the historical events of the Social War and a brief review of the geography of the hoards, the author reviews the 15 individual monetary series, from the first issue of the mint of *Corfinium* in 90 B.C. to the last, securely dated after 89 AD. (Andrea Carignani)

118 CHAVES TRISTAN, F. Aspectos de la circulación monetaria de dos cuencas mineras: Riotinto y Castulo (Sierra Morena). *Habis* Vol. 18-19 (1987) pp. 613-637.

119 CHAVES TRISTAN, F. La ceca de Urso: nuevos testimonios. *Estudios sobre Urso* (1989) pp. 113-168.

120 CHAVES TRISTAN, F. Tesoros de monedas inéditos, ocultos en la Bética durante la República: 1. El conjunto de Puebla de los Infantes (Sevilla). *Anas* Vol. 1 (1988) pp. 133-168.

The hoard of 151 Roman Republican coins is discussed; the latest is Cr-320. (Leandre Villaronga)

121 CHIARAVALLE, MAILA. I ripostigli di III secolo. *Milano capitale dell'Impero romano (286-402 d.C.)*. G. Sena Chiesa, Editor. Catalogo della Mostra. Milano, 24 gennaio-22 aprile 1990. (Milan, Silvana Editoriale 1990) pp. 67-72 illus.

The author presents in particular the hoard of Ottobiano (Padua), discovered accidentally in 1985, comprising 442 antoniniani issued by Gordian between AD 241-244 and in AD 266 during the reign of Gallienus. (Andrea Carignani)

122 CHIARAVALLE, MAILA. La circolazione monetale. *Milano capitale dell'Impero romano (286-402 d.C.)*. G. Sena Chiesa, Editor. Catalogo della Mostra, Milano, 24 gennaio-22 aprile 1990. (Milan, Silvana Editoriale 1990) pp. 34-35 and pp. 406-414 illus.

In the exhibition 2 hoards of the Late Antique period, found in Lombardy, were presented. The hoard of S. Genesio (PV), discovered in 1949, comprised 539 silver coins and a gold solidus, issued under the authority of 6 emperors (from Constantius II and Arcadius), probably deposited in AD 383-384. Six silver medals (multiples of 6 siliquae) with the image of Valens, Gratian, Valentinian II and Theodosius form part of this hoard. The find of Monasterolo Brembio (Milan) of 1929 contained 25 gold solidi (now reduced to 12) issued by the mints of Constantinople, Rome and Ravenna in the period between the rule of Honorius and Leo I (beginning in the 5th century/AD 472).
(*Andrea Carignani*)

123 CHIARAVALLE, MAILA. La produzione delle zecche di Milano e di Ticinum. *Milano capitale dell'Impero romano (286-402 d.C.)*. G. Sena Chiesa, Editor. Catalogo della Mostra, Milano, 24 gennaio-22 aprile 1990. (Milan, Silvana Editoriale 1990) pp. 47-52 illus.

The author retraces the events of the activity of the Milan mint (founded in 259, closed in 274, reopened in 352, again suppressed ca. 420 and in the long run sporadically active until Theodorus) as well as the Ticinum mint (274-327). A list of the issue of the 2 workshops follows.
(*Andrea Carignani*)

124 CHIARAVALLE, MAILA. Le monete dai recenti scavi. *Milano capitale dell'Impero romano (286-402 d.C.)*. G. Sena Chiesa, Editor. Catalogo della Mostra, Milano 24 gennaio-22 aprile 1990. (Milan, Silvana Editoriale 1990) pp. 150-152 illus.

In the catalogue of this exhibit dedicated to the art and commerce of Milan in late antiquity the author publishes 40 coins of the 3rd-5th century AD, found in the course of recent excavations within the city.
(*Andrea Carignani*)

125 CLAY, CURTIS L. The Supply of Bronze Coins to Britain in the Second Century AD. *NC* Vol. 149 (1989) pp. 209-224.

This article is a review of D.R. Walker, Roman Coins from the Sacred Spring at Bath; See *NL* 121-291. After summarizing the important advances achieved by Walker, the article suggests (1) that the 'British association' issue of middle bronze of 154-155 identified by him included several additional types that he has not recognized, and (2) that the bronze coins shipped to Britain between AD 43 and ca. AD 260 may sometimes have been mixed lots drawn from circulation and thus not always new coins fresh from the mint as Walker supposed.
(*Author*)

126 CRAWFORD, MICHAEL. The Mugnano Hoard. *NC* (1989) p. 149.

A note on a small hoard of Campanian bronzes of Neapolis is published.
(*Edward Besty*)

127 CURTIS, JAMES. *Tétradrachms of Roman Egypt*. Second edition. (New

York, Sanford J. Durst 1990) 416 pp. illus.

The first edition has now been expanded to include over 2,000 illustrations: some are from the Curtis collection and some are new varieties. Two monographs by J.G. Milne are printed as supplements: *Fifth Century Roman Egyptian Coinage* and *Lead Token Coinage of Roman Egypt*. (S.J. Durst)

128 DAVIES, JOHN A. A hoard of Vespasianic aes from Stanwick Villa. *NCirc* Vol. 97 No. 9 (Nov. 1989) pp. 292-294 illus.

Eleven aes (3 dupondii; 8 asses), dating to AD 73, are discussed. Two are suggested to be irregular, but this idea is disputed by C.L. Clay (*NCirc* Vol. 98 No. 4 [May, 1990], p. 123). (Edward Besly)

129 DE LA BÉDOYÈRE, GUY. Coinage in Roman Britain. *The Finds of Roman Britain*. (London, 1989) pp. 189-206; tables VI-VIII on pp. 219-226.

130 DEMOUGEOT, EMILIENNE. La symbolique du lion et du serpent sur les solidi des empereurs d'Occident de la première moitié du Ve siècle. *RN* Vol. 28, 6th series (1986) pp. 94-118 illus.

131 DEPEYROT, G. Métrologie et monnaies au Bas-Empire. *Cahiers et Métrologie* Vol. 8 (1990) pp. 63-68.

The years AD 364-368 and AD 368-394 are examined in particular.

132 DEPEYROT, GEORGES. Monnaies de l'Empire Roman. *Paris. Administration des Monnaies et Médailles. Les collections monétaires*. Vol. I. (Paris, 1985) pp. 71-170 illus.

133 *Die Fundmünzen der Römischen Zeit in Deutschland*. Abteilung V: Hessen. Band 2, 1: Darmstadt. Helmut Schubert, Editor. (Berlin, Mann 1989) 438 pp. illus.

The coin finds in the administrative district of Darmstadt, which extended over southern Hesse and part of middle Hesse, were collected from almost 50 museums, from the literature and from numerous find reports and are catalogued in geographical order. In addition to the Roman coins, several Greek, Celtic, Byzantine, Gothic and Merovingian coins are also recorded. (Wolfgang Leschhorn)

134 *Die Fundmünzen der römischen Zeit in Deutschland*. Abteilung V: Hessen. Band 2, 2: Darmstadt; Frankfurt-am-Main. Helmut Schubert, Editor. (Berlin, Mann 1989) 359 pp. illus.

The numerous coin finds from the Frankfurt-am-Main region are catalogued. In addition to the Roman coins, several Greek, Celtic, Byzantine, Ostrogothic and Merovingian coins are included. (Wolfgang Leschhorn)

135 FISCHER, THOMAS. *Ideologie in Schrift und Bild: Augustus als der 'Vater'*

seiner Soehne und des Vaterlands. Kleine Hefte der Münzsammlung an der Ruhr-Univ. Bochum, No. 8. (Bochum, Universitätsverlag Dr. N. Brockmeyer, 1990) 24 pp. illus. ISBN 3-88339-820-9.

The coinage of Augustus on behalf of Gaius and Lucius Caesar (*RIC* Vol. 1, second edition, No. 205-12) is discussed methodically in its political, ideological and historiographical aspects. The description of the coins is opposed via inversion to a structural model (p. 14 f.). A statement by Tacitus in *Annals* 1.3.7-4.1 is discussed.

(Author)

136 FOSS, CLIVE. *Roman Historical Coins.* (London, Seaby 1990) 335 pp. illus.

The author publishes the first comprehensive review of the historical aspects of Roman coinage for almost 20 years. In a chronological survey the author identifies every coin type that can be linked to a specific event, policy or occasion from the 2nd century BC to the 5th century AD.

(Paula Turner)

137 FULFORD, M.G., BURNETT, A., HENIG, M. and JOHNS, C. A hoard of late Roman Rings and Silver Coins from Silchester, Hampshire, Britannia. Vol. 20 (1989) pp. 219-228 illus.

A hoard of 2 miliarenses, 54 siliquae (latest Honorius) and 4 rings (3 gold, 1 silver) is discussed. At least one quarter of the coins are clipped. The date of deposit is ca. 410.

(Edward Besly)

138 FUSI ROSSETTI, ANTONIO. Le zecche militari romane nel III sec. a.C. *RIN* Vol. 91 (1989) pp. 73-117 illus.

In an in-depth study dedicated to the diverse economic aspects in the panorama of the bellicose events in the 3rd century BC, the author details the displacements of the military mints, its coinage, the devaluations of the bronze, the geography of the finds.

(Andrea Carignani)

139 GILLES, KARL-JOSEF. Ein unbekanntes Bronzemedallion der Trierer Münzstätte aus dem späten 3. Jahrhundert. *Trierer Petermännchen. Beiträge zur Numismatik und Trierer Heimatkunde* Vol. 3 (1989) pp. 67-69 illus.

The author publishes a bronze medallion of the mint Trier with Diocletian and Constantine I on the obverse and Mars with shield, trophy and spoils on the reverse. The medallion was deposited during the siege of Constantius against the usurper Carausius in 293.

(Wolfgang Leschhorn)

140 GILLES, KARL-JOSEF. Ein weiteres Multiplum aus dem Silberschatz vom Neutor in Trier? *Trierer Petermännchen. Beiträge zur Numismatik und Trierer Heimatkunde.* Vol. 3 (1989) pp. 71-80 illus.

The author attempts to reconstruct a late Roman hoard, found in Trier in 1635, along with numerous silver medallions of Constantius I and his sons by means of

newly found fragments of large silver coins.

(Wolfgang Leschhorn)

141 GONZALEZ PRATS, A. El tesorillo de denarios romanos de Cachapets (Crevillente). *Monografías* Vol. 1 (Museo Arqueológico Municipal de Crevillente 1989) 58 pp.

The author classifies 266 denarii and 2 victoriatas.

(Leandre Villaronga)

142 GORINI, GIOVANNI. Ancora sul ripostiglio di aurei del I secolo d.C. da Este. *RIN* Vol. 91 (1989) pp. 295-296 illus.

The author integrates into a preceding work concerning the gold coin hoards found near Este (*RIN* Vol. 90 [1988] pp. 149-154) a new coin—an aureus of Claudius struck in Rome mint in AD 41-42.

(Andrea Carignani)

143 GUTTMAN, S. Gamla 1987-8. *Hadashot Arch* No. 94 (1989) pp. 7-11. In Hebrew.

Excavations at this site in the central Gaulan yielded, among other things, 1,830 coins—almost all of which preceded issues of the Hasmonaeans and 10 later coins of the Herodians, the Procurators, Augustus, Hadrian and a Tyrian shekel of AD 39/40. Also found was a hoard of 18 Tyrian shekels dating from AD 17-52 and 9 Syrian tetradrachms of Nero, dating AD 61, 63 and 64. The sixth known specimen of the copper issue of Gamla of the 1st Jewish Revolt is also published.

(Arnold Sparr)

144 HILL, PHILIP. *The Monuments of Ancient Rome as Coin Types*. (London, Seaby, 1989) 145 pp. illus.

The author shows how coin types (despite their restrictions in size), when properly interpreted, can often give us detailed information about building styles, decoration, refurbishment and other details now lost on the extant remains.

(Paula Turner)

145 HOWGEGO, C.J. After the colt has bolted: a review of Amandry on Roman Corinth. *NC* (1989) pp. 199-208.

A review-article discusses M. Amandry, *Le monnayage des duovirs Corinthiens*, BCH Supplément 15 (1988).

146 HUDSON, RODNEY. An unpublished drachm of Caesarea from Caerleon. *SCMB* No. 845 (Nov. 1989) pp. 265-266 illus.

A silver drachm of Septimius Severus, year 16, is published.

(Edward Besly)

147 KANN, HANS-JOACHIM. Ein neuer Beleg zur Schreibweise des Antiken Stadtnamens Treveri. *Trierer Petermännchen*. Beiträge zur Numismatik und Trierer Heimatkunde. Vol. 3 (1989) pp. 81-87 illus.

The author publishes a newly found imitation from Trier, a **URBS ROMA** coin

with the representation of the Roman wolf with twins on the reverse and the mint-mark **TREV**, struck ca. AD 334/336. (Wolfgang Leschhorn)

148 KELLY, D.B. Roman Coins. *ArchCantiana* Vol. 105 (1988) pp. 309-311.

Recent finds from Kent (ca. 110 examples) are summarized. (Edward Besly)

149 KINDLER, A. The Numismatic Finds from the Roman Fort at Yovata. *IEJ* Vol. 39 Nos. 3-4 (1989) pp. 261-266 illus.

The author catalogues 2 city coins of the early 3rd century AD, a coin of Probus, and 36 4th century Roman coins found during the excavation of a fort of Diocletian, situated ca. 40 kilometers north of Eilat. (Arnold Spaer)

150 KLEINER, FRED S. A Vespasianic Monument to the Senate and Roman People. *SNR* Vol. 68 (1989) illus.

The reverses of a rare series of sestertii struck in 71 (**VICTORIA AVG SC**, *BMC* 576) show Vespasian sacrificing in front of an arch crowned by statues of the Genius Senatus and the Genius Populi Romani. Such a monument is without parallel, but its attic statuary provided the model for representations of the Senate and Roman People on later coins and reliefs. (Author)

151 KLEINER, F.S. An Arch of Domitian in Rome on the Coins of Alexandria. *NC* (1989) pp. 69-81 illus.

An arch of Domitian depicted on billon tetradrachms and bronze drachmas of Alexandria struck in AD 86 and later, long thought to be a local monument, is reexamined. It is concluded that the arch did not stand in Egypt but in Rome. It is an unusually elaborate but characteristic example of the honorary arches erected in great numbers in the capital by Domitian but subsequently torn down after the emperor's *damnatio memoriae*. (Author)

152 KLEINER, FRED S. The Study of Roman Triumphal and Honorary Arches 50 Years after Kähler. *JRA* Vol. 2 (1989) pp. 195-206.

Coins of Augustus, Claudius and Domitian reproducing Roman arches are discussed in the context of an overview of recent literature. (Author)

153 KOCHAVI, M. *Aphek—Antipatris 5000 Years of History*. (Tel-Aviv, Hakibutz Hameuchad Publishing House 1989) 138 pp. illus. In Hebrew.

The book describes a site at the source of the Yarkon river east of Tel-Aviv. On p. 1 there is an illustration of a small hoard of coins of the Roman procurators buried apparently in AD 68. On pp. 117 and 119 some coins found at the site are illustrated and on p. 118 a list of the Roman emperors, whose coins were found, appears. (Arnold Spaer)

154 KOULOV, GUEORGUI. Une nouvelle monnaie d'Hadrianopolis portant le nom et l'effigie de Géta. *Numizmatika* Vol. 23 (1989) pp. 38-39

illus. In Bulgarian; French summary.

In 1986, during the archaeological excavation in a Roman village in the area of Kardjali (Rhodopes) were discovered 4 coins of Hadrianopolis: Faustina Junior 1, Caracalla 2, Geta 1. The last, of small size (16/18 mm., 2.71 g), is a new variant, which bears on its reverse a lion to the left. (I. Youroukova)

155 KROMANN, ANNE. To romerske guldmonter fra Fyn. [Two Roman Gold Coins from Fyn]. *NUM* No. 4 (1990) pp. 75-77 illus.

Two Roman gold coins discovered on the island of Fyn in 1986 and 1988 are described: an aureus of Diocletian and a solidus of Constantine II. The latter comes from the Gudme district where previously a considerable number of Roman gold coins have been found. (Ulla Westermarck)

156 LEVY, BROOKS E. Nero's 'Apollonia' Series: the Achaean Context. *NC* Vol. 149 (1989) pp. 59-68 illus.

This article describes and illustrates the 22 known examples of a Neronian bronze series formerly attributed to Apollonia in Epirus. It proposes that the series was issued by a league or consortium of leagues directly after Nero's liberation of Greece (cf. the preliminary account in *SM* 1985, 37-41). Other Achaean coin-issues commemorating the liberation are discussed: Corinth, Sicyon, Patrae. It is suggested that these issues support the hypothesis of an early date for the event, AD 28 Nov. 66 rather than AD 67, and that the "Apollonia" series fits particularly well in that context. (Author)

157 LLORENS, M.M. La emisión de CN.STATI.LIBO PRAEF. *Saguntum* Vol. 22 (1989) pp. 319-342.

158 MARTIN, ARCHER. La datazione di due sequenze stratigrafiche di Ostia: confronto tra monete e ceramica. *La moneta nei contesti archeologici. Esempi dagli scavi di Roma.* Atti dell'incontro di studio. Rome, 1986. Istituto Italiano di Numismatica. Studi e materiali 2. (Rome, 1989) pp. 107-120.

The author analyzes and compares the pottery and numismatic dates furnished by the two excavations conducted at Ostia in the Terme dei Nuotatore and in a *taberna* near a wall of the *castrum*. The dates are distinguished by the variations in the different strata in which the coinage was found.

(Andrea Carignani)

159 MESHORER, Y. A Hoard of Coins from the Time of the Jewish War Against Rome. *Michmanim* (Bulletin of the Reuben and Edith Hecht Museum, University of Haifa) Vol. 2 (Dec. 1985) pp. 43-45 illus.

A hoard apparently buried in AD 67, containing shekels of Years 1 and 2 of the Revolt, a Tyrian shekel dated 162 (AD 36/37) and a Neronian tetradrachm of Antioch dated 60/61, is discussed. (Arnold Spaer)

160 MESHORER, Y. Massada I: The Yigael Yadin Excavations 1963-1965

Final Reports. (The Aramaic and Hebrew Ostraka and Jar Inscriptions by Y. Yadin and J. Naveh). *The Coins of Masada* (Jerusalem, Israel Exploration Society 1989) 132 pp. illus.

The second part of this book (pp. 71-132 and plates 61-81) catalogues the 4,699 coins found at this site. 2,392 coins are of the 1st Jewish War against Rome, including 73 shekels and half shekels of which 3 shekels are dated Year 5. Coins of the Herodians and the Procurators are plentiful and these are substantial groups of Hasmonaean, Nabataean and City coins. Smaller groups are Ptolemaic and Seleucid issues, 785 pieces could not be identified and 157 were lost during cleaning.

(Arnold Spaer)

161 METCALF, WILLIAM E. Rome and Lugdunum Again. *AJN* Vol. 1 (1989) pp. 51-70 illus.

Recent treatments of the attribution of Julio-Claudian gold and silver are discussed. The author concludes, principally on the basis of continuity of style, that Lugdunum struck all gold and silver up to 64, with the exception of Gaius' issue with COS.

(Author)

162 MIHAILESCU-BÎRLIBA, VIRGIL. A Late Roman Hoard from Traian (Neamț, Romania). *NC* (1989) pp. 191-196.

The hoard, found in 1986 in eastern Romania, comprises 35 Roman coins: 7 Constantius II, 2 Julius Caesar, 11 Valentinian I and 15 Valens. The issues, dating from 351-355 to 364-375, are bronze 3, except for a coin which is bronze 4. According to their mints, the coins were: Siscia 2, Thessalonica 2, Heraclea Thracica 2, Constantinople 15, Nicomedia 3 and Cyzicus 9; uncertain mint 2. The Traian hoard came from south of the Danube (Scythia Minor) and was buried after AD 378.

(Constantin Preda)

163 MITKOWA-SZUBERT, KUNKA. *The Nietulisko Male Hoards of Roman Denarii*. (Warsaw, State Archaeological Museum 1989) 269 pp. illus. Polish summary.

In Nietulisko Male, Little Poland, 2 hoards of Roman denarii were found: in 1939 ca. 4-5 kilograms of coins in a pot and late in 1942/3 2 pots containing ca. 3-4 kilograms of coins each. A small parcel of the hoards is in the possession of the Archaeological and Ethnographical Museum in Lodz (91 denarii), a larger portion (1,280 denarii) is held by the State Archaeological Museum in Warsaw, and 3,130 coins are in private hands having been dispersed after the war. The findspot is around the iron metallurgy center of St. Cross Mountains dating to the Roman period, where a number of other Roman denarii hoards were recorded. The hoards in question consist of denarii struck from Nero to Septimius Severus (ca. AD 198). A detailed catalogue of the extant coins is published.

(Andrzej Mikołajczyk)

164 MOLINARI, MARIA CRISTINA. Il valore e il significato dei rinvenimenti monetari nell'ambito di siti pluristratificati. Il caso di Via del Foro Romano. *La moneta nei contesti archeologici. Esempi dagli scavi di Roma*. Atti dell'incontro di studio. Rome 1986. Istituto Italiano di Numismatica. Studi

e materiali 2. (Rome, 1989) pp. 1-20 illus.

On the basis of several different contexts of the excavations of the dockyard near the Temple of Saturn at Rome, the author explains the criteria and the limits within which it is right to use the information offered by the coinage found in the more complex strata. A precise arrangement of the numismatic finds within the stratigraphic sequences allows one to define better the circulation of the coinage and to furnish the indispensable factors in estimating value by means of the chronological context.
(*Andrea Carignani*)

165 MROZEK, STANISŁAW. Zum Kreditgeld in der frühen römischen Kaiserzeit. *Historia* Vol. 34 (1985) pp. 310-323.

166 ORMA, SIMO. Le monete del deposito Boni. *Lacus Iuturnae I, Roma*. E.M. Steinby, Editor. (Rome, De Luca, 1989) pp. 303-316. illus.

The author catalogues and illustrates the coinage dating between the third decade and the end of the 4th century AD, found in the area of the Lacus Iuturnae during the excavations conducted at Boni in 1900. The coinage is probably part of a hoard of 2,745 coins of Boni; the same hoard possibly partly containing the coinage of the Antiquarium Palatino (Cf. R. Reece, *A Collection of Coins from the Centre of Rome*, BSR, 1982, p. 117). The hoard is seen in relation to other analogous hoards from the Roman Forum and dated in connection to the sack by Alaric in AD 410. (*Sara Sorda*)

167 ÓVÁRI, FERENC. III. századi antoninianusok gyakorisági sorrendje [The Order of Frequency of Antoniniani from the 3rd Century]. *AzÉrem* Vol. 2 (1989) pp. 1-5.

The author examines the occurrence of coins of Philip I, Otacilia and Philip II in 53 hoards.
(*István Gedai*)

168 PARISE, NICOLA F. Libbre e bronzo librale nell'Italia antica. *Italia omnium terrarum parens. La civiltà degli Enotri, Choni, Ausoni, Sanniti, Lucani, Brettii, Sicani, Siculi, Elimi*. Antica Madre. Collana di studi sull'Italia antica. G. Pugliese Carratelli, Editor. (Milan, Libri Scheiwiller 1989) pp. 581-599 illus.

In a full explanation the author illustrates the origin and the evolution of the economy in ancient Italy from the primitive form of barter exchange to the bronze issues of the different peoples of the peninsula, which were variously influenced by the contemporary coinage of Rome.
(*Andrea Carignani*)

169 PENNA, VASSO. 'Thesaurus' Chalkinon Ysteroromaî kon Nomismaton apo nekrotapheio tis Athinas [A Hoard of Late Roman Bronze Coins from an Athenian Cemetery]. *Proceedings of the 1st International Symposium on Everyday Life in Byzantium*. (Athens, 1989) pp. 262-277 illus.

The author publishes a hoard of bronze coins discovered in 1973 during a rescue excavation at an Athenian cemetery. More precisely the coins were found stuck together on one femur of a skeleton and apparently they represent the content of a purse. From the 136 coins of the hoard only 80 were eventually identifiable. Apart

from an antonianus of the 3rd century, the hoard was made by coins ranging from 351 to 408, primarily struck in eastern mints. The coins provide rich evidence of the numismatic circulation in Athens during the end of the 4th and the beginning of the 5th century.
(Mando Oeconomides)

170 PENNESTRI, SERAFINA. Distribuzioni di denaro e viveri su monete e medaglioni di età imperiale: i protagonisti, gli scenari. *MEFRA* Vol. 101 (1989) pp. 289-315 illus.

On the basis of coin iconography, the author considers at length the institution of the *congiarium* and its depictions, e.g., in prominent buildings. From the point of view of the form, during the empire this manifestation was often directed to ideological and propagandistic ends.

(Andrea Carignani)

171 PERA, ROSSELLA. Le raffigurazioni del dio Silvano sulle monete di Cremna. *Serta Historica antiqua* Vol. 16 (Rome, Giorgio Bretschneider 1989) pp. 207-224 illus.

In the course of the 3rd century AD (Severus Alexander, Decius and Aurelian) the coinage struck in the mint of Cremna in Pisidia, a Latin city, was changed. This coinage frequently depicted the Latin divinity Silvanus, associated with Pan. Among these examples the author recognizes a compromise between the indigenous elements which confirmed a typological selection of the subject and the Romanization which, on the other hand, emerged with the correct use of the Latin language in epigraphic legends.

(Andrea Carignani)

172 PERUZZI, EMILIO. Nummus. *PP* Vol. 246 (1989) p. 184.

On the basis of a passage in Suetonius, the author presents a theory according to which, in the beginning the ending *nummus* indicated generally the metallic weight used as for the coinage and later also for the designated true coinage with its determined value.

(Andrea Carignani)

173 PLANAS PALAU, A., PLANAS PALAU, J., MARTIN MAÑANES, A. Las monedas de la ceca de A'BSM (Ibiza). *Se Nostra Caixa de Balears* (1989) 180 pp.

174 REGGIANI, LORIS. Tre note numismatiche. *RIN* Vol. 91 (1989) pp. 45-66 illus.

In three separate sections the author presents 20 examples of Greek civic coinage under the Roman empire—a tripondus with head of Roma (or Bellona) and wheel, a weight and a bimetallic medallion of Philip Augustus with a scene of an *adlocutio*.

(Andrea Carignani)

175 RICHARD, JEAN-CLAUDE. Monnaies de la République Romaine. *Paris. Administration des Monnaies et Médailles. Les collections monétaires.* Vol. I.

(Paris, 1985) pp. 65-69 illus.

176 RIPOLL, S. El atún en las monedas antiguas del Estrecho y su simbolismo económico y religioso. *Congreso Internacional Estrecho de Gibralter, Ceuta, Nov. 1987*. (Madrid, Universidad a distancia 1988) pp. 481-486.

177 RUIZ FERNANDEZ, ANTONIO and GINES RODRIGUEZ MARQUEZ, ANTONIO. Tesorillo de denarios de plata hallado en una pileta de salazón de Sexsi. *RIN* Vol. 91 (1989) pp. 119-129 illus.

The author publishes a small hoard of 42 denarii, found in Sexi in a fishshop. The surviving 26 silver coins, perhaps belonged to a soldier of the garrison of the city in the period between Pompey and Caesar, dating from the beginning of the 2nd to the middle of the 1st century BC. (Andrea Carignani)

178 SALAMA, PIERRE. Un trésor inconnu d'Honorius à Cherchel. *NumAntClas* Vol. 17 (1988) pp. 287-295 illus.

The author publishes 23 solidi from a small hoard discovered at Cherchel in 1927 and subsequently dispersed on the market. The coinage issued by the mints of Ravenna, Constantinople and Milan, date to the period of Honorius and were deposited after AD 407. (Andrea Carignani)

179 SAVIO, ADRIANO. Il quarto anno alessandrino di Nerone nella documentazione numismatica. *NumAntClas* Vol. 17 (1988) pp. 221-239 illus.

The examination of the Alexandrian issues of silver and billon tetradrachms of AD 57/58 yields a picture of the difficulties the mint encountered: the lack of silver and the scarcity of the circulating coins, manifested the need to increase production the following year. Nevertheless, production diminished notably toward the end of the next year. This episode occurs at the moment when Rome, the natural provider of precious metals, coped with numerous expenses in addition to the expeditions to the East, an increase of the building activity, and the intensification of the *congiaria*. (Andrea Carignani)

180 SCHULZKI, HEINZ-JOACHIM. Ein neuer Münzschatzfund aus der Endphase des gallischen Sonderreichs (275-280 n.Chr.). *NNb* Vol. 39 (1990) pp. 24-30.

The author publishes a hoard of 648 coins, dating from Gallienus to Tetricus, which appeared in commerce in Mannheim. Characteristics of the hoard are a typical flaw on the coinage, which was struck before AD 260, and the clear preponderance of the Tetricus coinage and the subsequent coinage. (Wolfgang Leschhorn)

181 SILBERSTEIN TREVISANI, SUSANNA. Le monete rinvenute ad Ostia nella *taberna* presso il muro del *castrum*. *La monete nei contesti archeologici. Esempi dagli scavi di Roma*. Atti dell'incontro di studio. Rome 1986. Istituto Italiano di Numismatica. Studi e materiali 2. (Rome, 1989) pp. 121-137 illus.

The author publishes 53 coins—foreign and Roman—found in a *taberna* near the wall of the Ostia *castrum*. Numerous examples of the Roman Republic were present; nevertheless, the nucleus of the finds date from the 1st century AD.

(*Andrea Carignani*)

182 SPAULDING, JAMES E. Germano-Roman numismatic art. *Apophoreta: Latin and Greek Studies in Honor of Grace L. Beede*. (Chicago, 1985) pp. 177-212 illus.

183 TALIERCIO MENSITIERI, MARINA. *La monetazione di Valentia*. Centro Internazionale di Studi Numismatici, Bibliotheca 3. (Rome, Istituto italiano di Numismatica, 1989) 132 pp. illus.

The author distinguishes the principal typological and metrological aspects of the coinage of Valentia in Bruttium. The city, the ancient Hipponion, had an early coinage tradition, beginning in 194 BC after the Second Punic War, when still a Latin colony. This coining privilege was probably connected to the military and strategic functions of Valentia, an important port. The coinage, although connected in its weight to the Roman *aes grave*, manifests that it was used exclusively in local trade.

(*Andrea Carignani*)

184 TORBÁGYI, MELINDA. Greek Colonial coins in Intercisa/Pannonia Inferior (91-93 AD). *NumAntClas* Vol. 17 (1988) pp. 269-286 illus.

From the excavations of the Intercisa on the Danube 37 coins primarily from the mints of Thracia and Bithynia (Nicaea) are presented. References, mainly from the Severan period, offer precious evidence regarding the presence of colonists and legions, which were composed mostly of soldiers of oriental origin.

(*Andrea Carignani*)

185 VEGA DE LA TORRE, J.R. Hallazgos numismáticos de época romana en Palencia, Burgos y Cantabria. *Sautuola* Vol. 5 (1988) pp. 257-270.

The author describes 27 Roman Imperial coins.

(*Leandre Villargona*)

186 WESTERMARK, ULLA and WISEHN, IAN. Romerska bronsmynt funna i Sverige, 3. [Roman Bronze Coins Found in Sweden, 3]. *NNUM* No. 9 (1989) pp. 205-209 illus. In Swedish.

The authors attempt to trace and list *aes* coins found in Sweden, a find category which has previously been neglected. See *NNUM* (1983) and (1984).

(*Authors*)

187 YÄLIMAA, JUSSI. I Dioscuri nei tipi monetali della Roma repubblicana. *Lacus Iuturnae I, Roma*. E.M. Steinby, Editor. (Rome, De Luca, 1989) pp. 110-126 illus.

The study concentrates on the coinage with the Dioscuri in the period ca. 140 BC to the end of the Republic. The examination of each individual case reveals the connection of the type with the history of the moneyers, as well as the political position

of the mint at the time of striking. The evolution of the types of the Dioscuri and the change of their symbolic value are delineated in the conclusion. (*Sara Sorda*)

188 ZEDELIIUS, VOLKER. C. PESCENNIUS NIGER IVSTVS. Zwei neue Fundmünzen aus dem Rheinland. *Berichte aus der Arbeit des Museums* (Bonn, Das Rheinische Landesmuseum 1989) pp. 87-88 illus.

Two denarii of Pescennius Niger were found in Germany (Rhineland).
(*Wolfgang Leschhorn*)

189 ZEDELIIUS, VOLKER. Venus Victrix. Ein seltener Denar der Iulia Domna im Rheinischen Landesmuseum Bonn. *Berichte aus der Arbeit des Museums* 4. (Bonn, Rheinisches Landesmuseums 1989) p. 57 illus.

The author discusses a rare variant of a denarius of the Venus Victrix type of Julia Domna.
(*Wolfgang Leschhorn*)

190 ZSCHUCKE, C.F. Die Bronze-Teilstück Prägungen der römischen Münzstätte Trier. Trierer Petermännchen. Beiträge zur Numismatik und Trierer Heimatkunde. Vol. 3 (1989) pp. 7-65 illus.

The artistic, small bronze coinage of the Trier mint, which was struck under Diocletian and his co-rulers as well as under his successors until Constantine the Great, does not belong to the daily municipal coinage. The coinage is probably exceptional, struck as jubilee coinage and especially at festivities/ceremonies as commemorative pieces. Along the lines of these "small medallions" are earlier denarii and quinarii. 14 emissions, struck between AD 293 and 321, were studied and catalogued in tables. The individual issues are discussed and ordered.
(*Wolfgang Leschhorn*)

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 3, 8, 10, 11, 17, 25, 29, 30, 32.

Technology and Methodology, No. 51.

Greek, Nos. 59, 60, 69, 73, 79, 80, 90.

Iberian, No. 107.

Byzantine, No. 204.

India, No. 243.

Africa, No. 272.

Great Britain and Ireland, No. 273.

Western and Central Europe, No. 371.

BYZANTINE

191 BENDALL, S. A Tenth Century Byzantine Gold Bulla. NCirc Vol. 97 No. 10 (Dec. 1989) p. 323 illus.

A gold one-solidus bulla, probably of Nicephorus II (AD 963-969), is discussed.
(*Edward Besly*)

- 192 BENDALL, SIMON.** Trebizond under the Gabrades again. *NC* (1989) p. 197 illus.

A new overstrike which links yet two more issues of the coins struck at Trebizond under Alexius I and the Gabrades is published. (Author)

- 193 BENDALL, S.** Western type C Anonymous Folles. *NCirc* Vol. 97 No. 9 (Nov. 1989) pp. 290-291 illus.

- 194 ERDÉLYI, ISTVÁN.** Zur Frage des Awarenzeitlichen byzantinischen Münzumschlufs im Karpatenbecken. *Acta Antiqua Academiae Scientiarum Hungaricae* Vol. 30 (1988) pp. 429-438.

The author deals with Byzantine coins and their imitations in the Awaren Age (6th-8th centuries). A list of 84 hoards, including the imitations, is published. (István Gedai)

- 195 HAMMARBERG, INGER, MALMER, BRITA, and ZACHRISSON, TORUN.** *Byzantine Coins Found in Sweden*. Commentationes de Nummis Saeculorum IX-XI. Nova series 2. (Stockholm, 1989) 108 pp. illus.

The catalogue contains 1,065 pieces from 194 finds. The comments give much supplementary information on import and circulation, finds of Byzantine coins in other countries, etc. (Ulla Westermark)

- 196 HUGHES, SAMUEL.** Byzantine or Bulgarian Scyphates. *NI* Vol. 25 No. 6 (June 1990) pp. 138-139 illus.

Methods of differentiating between Byzantine coins and their Bulgarian imitations are provided. (Joseph Uphoff)

- 197 JEKOV, GOSPODIN.** Rare histamenon d'Aléxis I Comnène. *Numismatika* Vol. 23 No. 4 (1989) pp. 27-29 illus. In Bulgarian.

The author studies a rare histamenon, struck in Thessalonica before the reform of Alexius Comnenus. (I. Youroukova)

- 198 KUTCHER, R.R.** An Introduction to Byzantine Coinage, No. 56. *NI* Vol. 25 No. 2 (Feb. 1990) pp. 33-38 illus.

This installment discusses the reign and coinage of John II (1118-1143). (Joseph Uphoff)

- 199 KUTCHER, R.R.** An Introduction to Byzantine Coinage, No. 57. *NI* Vol. 25 No. 3 (March 1990) pp. 58-67 illus.

This installment discusses the reign and coinage of Manuel I (1143-1180). (Joseph Uphoff)

200 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 58. *NI* Vol. 25 No. 4 (April 1990) pp. 82-83 illus.

This installment discusses the reign and coinage of Alexius II (1180-1183).

(Joseph Uphoff)

201 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 59. *NI* Vol. 25 No. 5 (May 1990) pp. 111-114 illus.

This installment discusses the reign and coinage of Andronicus I (1183-1185).

(Joseph Uphoff)

202 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 60. *NI* Vol. 25 No. 6 (June 1990) pp. 135-137 illus.

This installment concerns the reign and coinage of Isaac Comnenus, usurper of Cyprus (1184-1191).

(Joseph Uphoff)

203 LEUTHOLD, ENRICO, JR. Some rare copper coins of the emperors Maurice and Phocas. *NomKhron* No. 8 (1989) pp. 45-47 illus.

The article describes two decanummia (one of Maurice and one of Phocas), issued by the mint of Thessalonica, and one follis of Maurice, struck at Antioch, which was struck by a reverse die on the obverse and a different reverse die on the reverse.

(Author)

204 ROSSMASSLER, W.H., JR. The Long-beard solidi of Constans II: a new subdivision of Dumbarton Oaks Class III. *SCMB* No. 842 (July/Aug. 1989) pp. 169-171 illus.

205 TOURATSOLOU, IOANN. "Thesaurus" aspron tracheon/1983 apo tin Arta [The Arta/1983 hoard of billon trachea]. *ADelt* Vol. 36 (1981, publ. 1989) pp. 209-226

A new hoard of billon trachea, found during the excavation of a building lot in Arta in 1983, is analyzed and its composition compared with that of the old 1923 hoard from the same city (*NC* 1923, pp. 30-46, pl. 3) and the unpublished hoard with the conventional name of Ioannina (?). The new types contained in the hoard are indicated and attributed and some rare issues are discussed. The 1983 Arta hoard, whose concealment took place a few years after the retaking of Constantinople by the Byzantines in 1261, is the occasion for a review of the circulation in Greece of the bronze coins, based on the known 12th and 13th century hoards from Greece. A statistical examination of the material has led to the following findings: (1) Comnenus and Angelus issues continue to enrich the hoards even after 1261; (2) the D-V types of large module Latin imitations of the Constantinople mint mainly occur in northern Greek and east Balkan hoards are late and must be the product of the Bulgarian state; (3) the Latin imitations of large and small module are contemporary; (4) the direct copies (Hendy's Bulgarian imitations) which circulated up to and after 1261, parallel from one period and after with the D-V issues of Latin imitations of large module and the issues of the Tsar Ivan II Asen, can only doubtfully be regarded as the product of the Bulgarian state.

(Mando Oeconomides)

For additional references to Byzantine numismatics, see the following abstracts:

General, Nos. 3, 15, 16, 17, 32.
 Roman, Nos. 122, 133, 134.
 Africa, No. 272.
 Western and Central Europe, No. 409.
 Eastern Europe and the Balkans, Nos. 425, 434.

ANCIENT NEAR EAST

206 MALEK, HODGE MEHDI. The Posthumous Arab-Sasanian Coinage of Khursid in Tabaristan. *NCirc* Vol. 97 No. 2 (March 1989) pp. 39-40 illus.

The article covers the coinage of the Ispahbads in Tabaristan in northern Iran and in particular the issues of the 'Abbāsid governors in the period AD 761-766 after the death of the last Ispahbad ruler Khurshid. The article was listed in *NL* 123-299.

(Author)

207 SELLWOOD, DAVID. New Parthian Coin Types. *NC* (1989) pp. 162-168 illus.

A recent hoard, apparently from the neighborhood of Shiraz, consisted mainly of diobols of the princes of Persis. Included were some previously unknown Parthian types, mostly of the same denomination. Some of these bear in Greek the title "lord," not "king," but reasons are given for associating them with Arsacid rulers of the period AD 70-120.

(Author)

208 SIMONETTA, BONO. Monete della Persidia de tipo partico. *NumAntClas* Vol. 17 (1988) pp. 261-267 illus.

The author presents a group of 19 diobols of various provenances, with particular reference to the issues of 2 princes in Persia, vassals of the Parthians, dating from the end of the 1st and the beginning of the 2nd century AD. (Andrea Carignani)

For an additional reference to the numismatics of the Ancient Near East, see the following abstracts:

General, No. 29.
 Technology and Methodology, No. 51.
 Roman, No. 115.
 Near and Middle East, No. 231.

NEAR AND MIDDLE EAST MEDIEVAL AND MODERN

209 AL-'USH, MUHAMMAD ABŪ-L-FARAJ. *Arab Islamic coins preserv-*

ed in the National Museum of Qatar. Vol. 1 (Doha, The Ministry of Information in Qatar, 1984) 682 pp. illus.

210 BARCELO, M. Coins from afar? New evidence on coin production and fiscal administrative practice in the late Umayyad caliphate. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 107-118.

211 CANTO, A., PALOU, F. and TORTAJADA, B. Volumes of Production of Dirhems in al-Andalus During the Years A.H. 330 and A.H. 340 as Calculated from Die-Link Statistics. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 91-98.

212 DE MARAIS, JOHN. Iraq. *WCN* Vol. 12 No. 42 (15 Oct. 1985) pp. 20-25 illus.

213 DEMİREL, Ş. Osmanlı Parasındaki Antik Sürsaj [Antique Countermark on Ottoman Coin]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 16-17 illus.

The author has given us an interesting example of a last period Ottoman countermarked coins. This particular countermark is similar to the Pericles head on ancient Greek coins.
(Ömer Diler)

214 EBİYAN, A.A. *Deuxième empire armenien les Chah-El-Armens, dynastie des Ayyoubides: 586-658 H. 1190-1259 J.* [The Shah-El-Armen of the Ayyoubite Dynasty]. (Beyrouth, The Author, 1981) 128 pp. illus. In Arabic, French, and English.

215 ENDER, C. Anadolu Beyliklerine Ait Bakır Bir Sikke [A Copper Coin Belonging to Anatolian Begligs]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 25-28 illus.

The article introduces a silver and a copper coin of the Anatolian Beglik period.
(Ömer Diler)

216 ENDER, C. Bir Timuri Sikkesi Üzerine Akkoyunlu ve Karakoyunlu Hükümdar Damgalari [Both Akkoyunlu and Karaloyunlu Sultan Countermarks on a Timurid Coin]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 7-9 illus.

The article introduces the countermarks of Akkoyunlu Yakub Bey and Karakoyunlu Cihan Şah stamped on a coin of Ebu Said Gürkan Han, Sultan of Timurids.
(Ömer Diler)

217 HÉBERT, R.J. Amirs of Nimröz. *NI* Vol. 25 No. 6 (June 1990) pp. 130-134 illus.

A brief history of Nimröz and samples of the Islamic coinage minted in the mint are presented.
(Joseph Uphoff)

218 İNCEOĞULLARI, S. Sultan Abdülmecid Han Döneminin Yeni Bulunan İki Kuruşluk Parası [A Newly Discovered 2 Kuruş of Sultan Abdülmecid Han]. *BültenTürkNumSoc* Vol. 27 (1989) p. 15.

219 KASSIS, H.E. The Coinage of Muhammad Ibn Secd (ibn Mardanish) of Mursiya. An Attempt at Iberian Islamic Autonomy. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 209-230.

220 KROMANN, A. Finds of Iberian Islamic Coins in the Northern Lands. *Problems in Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 243-254.

221 LACHMAN, SAMUEL. A Gold Coin of the Zaidī Imān al-Mutawakkil al-Qāsim b. al-Ḥusayn. *NCirc* Vol. 98 No. 3 (April 1990) p. 84 illus.

The inscription of a gold coin of the Imān shown at a recent exhibition is discussed.
(Author)

222 LACHMAN, SAMUEL. The Coins of the Zaidī Imāms of the Period 1224-1265 H/1809-1849. *NCirc* Vol. 98 No. 1 (Feb. 1990) pp. 1-7 illus.

Genealogical data of the Imāms are shown. Historical references to coins are presented, and the Zaidī coins of the period are listed. Metrological considerations are discussed.
(Author)

223 LEUTHOLD, ENRICO, JR. The silver coinage of the Mamluk Yarmouk Sultan Khushqadam. *Yarmouk Numismatics* Vol. 1 No. 1 (1989) pp. 7-10 illus.

A short catalogue, based on new numismatic evidence, of the silver coinage of Khushqadam in Cairo, Damascus and Aleppo, is published.
(Author)

224 MAC KENZIE, K.M. The Rarest Ottoman Nasri From the Tunis Mint. *BültenTürkNumSoc* Vol. 27 (1989) pp. 10-14 illus.

The author presents two square akçes belonging to Murad III and Ahmed III periods, respectively.
(Ömer Diler)

225 MEDINA, A. Five qirats of al-Mutawakkil of Bedejaz. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 187-190.

226 MIKOŁAJCZYK, A. Movements of Spanish Umayyad Dirhams from the Iberian Area to Central, Nordic and Eastern Europe in the Early Middle Ages. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 255-270.

227 MOOREY, P.R.S. Metalwork and glyptic. *The Cambridge History of Iran* Vol. 2 (Cambridge, 1985) pp. 856-869.

228 NADER, A.F. and SOESANTIO, A. Republik Islam Indonesia JIM overprints: two perspectives. *IBNS* Vol. 25 No. 45 (1986) pp. 108-110 illus.

Nader discusses totals given for WII JIM notes; Soesantio discusses the historical perspective of these notes.

229 NOONAN, T.S. The Start of the Silver Crisis in Islam: A Comparative Study of Central Asia and the Iberian Peninsula. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 119-144.

230 ÖLÇER, C. Telemnen'de Basılan İlk Osmanlı Gümüş Sikkesi [First Ottoman Silver Coinage Minted in Telemesen]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 4-6 illus.

The article relates Telemesen's inclusion into the Ottoman Empire, and the square coin minted for this occasion. (Ömer Diler)

231 PARKER, S.T. Preliminary Report on the 1987 Season of the Limes Arabicus Project - Appendix I. The Coins from the 1987 Season. *BASOR Supplement* No. 26. Preliminary Reports of ASOR-Sponsored Excavations 1983-87. (Baltimore, 1990) pp. 111-124 illus.

The author describes the 156 coins found during the 1987 season covering the issues from the Nabataeans to the Ottomans. (Arnold Spaer)

232 PEIXOTO CABRAL, J.M. and RODRIGUES MARINHO, J. Analysis of the Almoravid Silver Coinage: The Qirats. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 145-174.

233 PESANT, ROBERTO. A controversial follis of Tancred of Antioch. *NCirc* Vol. 97 No. 9 (Nov. 1989) pp. 289-290 illus.

234 RISPLING, GERT. *Islamic ninth-century coins: background notes*. (Stockholm Coin Cabinet, The Author, 1986).

Unpublished notes intended as background for the study of Samanid and pseudo-Samanid coins of the 10th century, consisting of die-studies of the 'Abbāsid dirhams in the Stockholm Coin Cabinet.

235 RISPLING, GERT. Names of die engravers on 10th century coins. *Lit. Festschrift till Lars O. Lagerqvist (NM 37, Stockholm 1989)* pp. 392-335 illus.

Names of die engravers on Islamic coins are rare. Only one name, that of the Buwayhid engraver al-Ḥasan b. Muḥammad, was previously known. Several new names can now be added: four Samanid engravers, Mujīb, Jibrā'ī, Jamīl and Akh

and further 'Umar, whose name is found on an imitation of Volga-Bulgarian origin and Ishāq b. Ibrāhīm on a coin type which is officially Volga-Bulgarian. The appearance and recognition of more names are expected. (Author)

236 RODRIGUEZ LORENTE, J.J. and FONTENLA BALLESTA, S. Nasrid silver. A Contribution to Spanish Islamic Metrology. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 231-242.

237 YOUSEFI, ARMEN. The Currencies of Kuwait. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 90-94 illus.

The several currencies used in Kuwait before the issue of her modern banknotes are reviewed, with special attention to the Indian rupee, the unit of account in Kuwait for several decades ending in 1961. The three series of notes of the Kuwait Currency Board and the Central Bank of Kuwait are presented, with signature and serial varieties. (Joseph E. Boling)

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

General, Nos. 15, 17, 29.

Technology and Methodology, Nos. 47, 49, 50.

Roman, Nos. 143, 153, 160.

Medals and Decorations, Nos. 504, 515, 526, 527.

Paper Money, No. 598.

Tokens and Jetons, No. 607.

INDIA

238 BERGHAUS, P. Funde severischer Goldmünzen in Indien. *Migratio et Commotio: Studien zur alten Geschichte und deren Nachleben. Festschrift Thomas Pekáry*. (Scripta Mercaturae Verlag, 1989) pp. 93ff.

239 BHATTACHARYYA, PRANAB KUMAR. *Aspects of cultural history of Sikkim; Studies in coinage*. (Calcutta, New Delhi, K.P. Bagchi, 1984) 86 pp. illus.

240 MARGABANDHU, C. *Archaeology of the Satavahana Kshatrapa Times*. (Delhi, Sundeep Prakashan, 1985) 398 pp. illus.

The author discusses the coinage on pp. 70-71.

241 ROBINSON, M. *The lead and tin coins of Pegu and Tenasserim*. (Sale, Cheshire, England, The Author, 1986) 83 pp. illus.

242 SENIOR, R.C. Indo-Parthian Problems. *NCirc* Vol. 97 No. 7 (Sept. 1989) pp. 220-222 illus.

243 TURNER, PAULA J. *Roman Coins from India*. Royal Numismatic Society Special publication no. 22 and Institute of Archaeology Occasional publication No. 12 (London, 1989) 152 pp. illus.

This book is a detailed collation of the recorded finds of Roman coins from India with full references. In addition to the main catalogue, there is also information on the present location of Roman coins found in India. The main text outlines the history of the finds, including an interpretation of their historical significance. Defaced coins and imitations are discussed in some detail. (Author)

244 WIGGINS, K.W. Another issue of the 19 San Sikka Rupee of the Calcutta Mint? *NCirc* Vol. 98 No. 9 (Nov. 1989) pp. 291-292 illus.

For additional references to the numismatics of India, see the following abstract:

Tokens and Jetons, No. 613.

FAR EAST

245 Ancient money in various parts of Thailand *Thai Coin and News Information*. No. 3 (March-May 1986) pp. 1-4 illus.

246 BANK OF JAPAN. *Currency Museum*. (Tokyo, Bank of Japan Institute for Monetary and Economic Studies 1987) 96 pp. illus. In Japanese; captions in English.

An illustrated survey of the material on display in the Currency Museum at the Bank of Japan. The booklet traces the development of money (principally in Japan) from early historical times. (Joseph E. Boling)

247 CHEN YISHI. The Flooding of Rupee in Tibetan [sic.] and Its Influence. *China Numismatics* Vol. 1 No. 28 (1990) pp. 43-50. In Chinese.

In the 19th century the rupee issued by the British colony India started to flood the district of Tibet and was used by the English merchants to control the Tibetan money market. The government of the Qing dynasty issued Tibetan silver coins, minted in Sichuan, to boycott the rupee in the eastern part of Tibet.

248 COX, ARTHUR J. and MALIM, THOMAS. Ferracute Goes to China. *Num* Vol. 101 No. 10 (Oct. 1988) pp. 1748-1756 illus.

The establishment of a mint at Chengtu in 1898 by the Ferracute Machine Com-

pany is described, from receipt of the order in New Jersey through delivery and installation of the equipment and the start of production. Immense difficulties were overcome in establishing their complete mint 2000 miles inland from Shanghai.

(Joseph E. Boling)

249 DANIEL, HOWARD A. The 1890 Indochine Francaise Trade Dollar. *NI* Vol. 25 No. 5 (May 1990) pp. 115-116.

Some reasons for the rarity of this issue are presented.

(Joseph Uphoff)

250 DANIEL, HOWARD A., III. Vietnamese Coins: Dinh Dynasty (968-980). *NI* Vol. 25 No. 3 (March 1990) pp. 54-57 illus.

A summary of the catalogued coins of this dynasty is presented.

(Joseph Uphoff)

251 Finance Research Institute of the Tibet Branch of the People's Bank of China, Editor. The Mint of the Tibet Local Government. *China Numismatics* Vol. 1 No. 28 (1990) pp. 29-36. In Chinese.

The mint of the Tibet local government was established in 1931—not only as a coinage organization, but also as a financial organization.

252 FLORINE, IVAN. *International Far-Eastern Numismatics News*. No. 3 (Brussels, The Author, Dec. 1989) 88 pp. illus. In French and English.

Six short articles dealing with ancient Chinese coinage and a biographical chronology of the Chinese emperors from the Eastern Chin through the Ch'i dynasties (AD 317-502) are presented.

(Joseph E. Boling)

253 FLORINE, IVAN. *International Far-Eastern Numismatics News*. No. 4. (Brussels, The Author, Feb. 1990) 94 pp. illus. In French and English.

A special issue composed entirely of reference material, including: several score Chinese characters with Romanizations in Chinese, Vietnamese, Korean, and Japanese and translations in English and French; chart of Chinese mint names in Chinese, Manchu, and Turki; Chinese-Mongol equivalence chart with English and French translations; dictionary of Chinese reign titles with literal translations (in French); tables and illustrations of dating systems in 13 Asian nations; tri-lingual (French, English, German) dictionary of numismatic terms useful to collectors of Chinese coins; cross-reference charts of pinyin, Wade-Giles, and EFEO pronunciations of Chinese characters.

(Joseph E. Boling)

254 FLORINE, IVAN. *International Far-Eastern Numismatics News*. No. 5. (Brussels, The Author, April 1990) 90 pp. illus. In French and English.

An article on the Chinese sexagenary calendar cycle, several contributions from readers, and a biographical chronology of the Chinese emperors from the Liang through the Ch'en dynasties (AD 502-589) and eighteen splinter and rump dynasties of the 4th and 5th centuries are presented.

(Joseph E. Boling)

255 JIANG QIXIANG. A Study on the Kucha Rashdin Khan Coin. *China Numismatics* Vol. 1 No. 28 (1990) pp. 23-26 illus. In Chinese.

The round-shape, square-hole, copper coin minted by the contending regime established at Rashdin, Xinjiang Kucha, was issued in the year 1864-1865. The legend is written in Čagadai characters.

256 KEENER, TOM. The Stacked Casting Method in China's Hsin Dynasty. *NI* Vol. 25 No. 6 (June 1990) pp. 125-129 illus.

A non-standard means of casting coins during Wang Mang's reign is discussed.
(Joseph Uphoff)

257 KRÜGER, JOACHIM. Münzsammlungen in Dresden und Berlin. *Schätze Chinas in Museen der DDR, Kunsthandwerk und Kunst aus vier Jahrtausenden*. Für das Staatliche Museum für Völkerkunde Dresden herausgegeben von Herbert Bräutigam. (Ausstellungskatalog). (Leipzig, E.A. Seemann Druck- und Kunstverlag 1989) pp. 22-23, 135-148.

The departments of Chinese coinage in the Coin Cabinets in Berlin and in the Staatliche Museum für Völkerkunde in Dresden are summarized. A selection of rare Chinese coinage from both cabinets as well as the Coin Cabinet in Dresden is presented in a catalogue.
(Paul Arnold)

258 QIAN YU. A Study on the Silver Ingot "Cheng An Bao Huo" of the Jin Dynasty. *China Numismatics* Vol. 1 No. 28 (1990) pp. 65-68. In Chinese.

The author presents a new method for the classification of the grades of the "Cheng An Bao Huo" silver ingot of the Jin Dynasty in order to clarify the relationship between the silver ingot and paper money and copper coins.

259 SONG SHAN. The Minting of Coins with Lead was Started in Yan State. *China Numismatics* Vol. 1 No. 28 (1990) pp. 55-57 illus. In Chinese.

The lead coins excavated in the northern part of China form the basis for the belief that the earliest lead coin was minted in the Yan State of the Warring States period.

260 TAN, STEVEN. *Hong Kong Coin and Paper Money Catalog*. 1st edition. (Kuala Lumpur, International Stamp and Coin Sdn. Bhd. 1989) 63 pp. illus. ISBN 983-9650-00-9.

Coins and notes of Hong Kong from 1863 are presented, including occupation issues under the Japanese and notes of the several chartered banks.

(Joseph E. Boling)

261 THIERRY, FRANCOIS. *Monnaies d'Extreme Orient, Tome I: Chine*. (publication information not given) 184 pp. illus. In French.

262 THIERRY, FRANCOIS. *Monnaies d'Extreme Orient, Tome II: Vietnam*

⌘ *Japon*. (publication information not given) 198 pp. illus. In French.

263 WANG HAIYAN. The Two Early Issuances of Coins by the Tibet Local Government. *China Numismatics* Vol. 1 No. 28 (1990) pp. 27-28 illus. In Chinese.

The Tibetan local government issued silver coins on two occasions in both 1763 and 1875 to relieve the shortage of Nepalese silver coins. The author discusses the earliest silver coin minted by Tibet.

264 WANG YONGSHENG. A Study on the Junggar Pul Coin. *China Numismatics* Vol. 1 No. 28 (1990) pp. 18-22 illus. In Chinese.

The Pul coin of Xinjiang in the shape of the kernel of a peach was minted after the conquest of Yarkand by the Mongolian Junggar tribe in the early Qing Dynasty, ca. 1700-1760.

265 WILFORD, KEITH. An early 19th century Opium Balance. *NCirc* Vol. 97 No. 10 (Dec. 1989) p. 324 illus.

A Chinese balance is described. The balance was used for weighing cut-up fractions of silver dollars in the period 1841-1863. (Edward Besly)

266 WRIGHT, RICHARD. China—The Machine Minted T'ung Chih cash coin of 1866. *ONSN* No. 113 (July-Aug. 1988) illus.

The author suggests a reason for the existence of this coin. (Author)

267 WRIGHT, RICHARD. The Case for the Kiangnan Arsenal Copper Mint at Shanghai, 1905. *ONSN* No. 115 (Nov.-Dec. 1988) illus.

The author suggests the existence of a modern copper coin mint at Shanghai in 1905. (Author)

268 WRIGHT, RICHARD. The Introduction of China's Modern Silver Coinage. *CMN* (Oct. 1987) pp. 61-64 illus.

A brief study of the events leading up to the opening of the Canton Mint in 1887, and of the Mint's initial operations. (Author)

269 WRIGHT, RICHARD. The Mint at Shanghai. *CMN* (Feb. 1989) pp. 29-31 illus.

A brief study of the operations of the National Government Central Mint at Shanghai. (Author)

270 WRIGHT, RICHARD. The Nanking Mint, 1897-1929. *CMN* (Sept. 1988) pp. 53-56 illus.

A brief study of the operations of the Nanking Mint during the 20th century. (Author)

For additional references to the numismatics of the Far East, see the following abstracts:

Technology and Methodology, Nos. 43, 54.
 Medals and Decorations, No. 518.
 Paper Money, Nos. 554, 555, 556, 557, 558, 576, 577.
 Tokens and Jetons, No. 614.

AFRICA

271 LEVIUS, HAROLD. How the Anglo-Boer War Lead [sic] to the Most Glittering Jewel in the British Crown—and Something About the Paper Money Involved. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 74-78 illus.

British and Boer emergency notes of the Anglo-Boer War are discussed in light of the historical background. (Joseph E. Boling)

272 MUNRO-HAY, STUART. The al-Madhāriba hoard of gold Aksumite and late Roman coins. *NC* (1989) pp. 83-100 illus.

The al-Madhāriba hoard of gold Aksumite coins form the largest group of these coins discovered up to this time, and is the only instance of a joint deposit with late Roman pieces. The Aksumite coins include examples of all reigns from Ezana to Kaleb; the Roman range from Constantius II to Theodosius II. The study of the die-linkage of the coins from the hoard aided in the establishment of the chronology of Aksumite coinage from the 4th to the 6th centuries. (Author)

For an additional reference to the numismatics of Africa, see the following abstract:

Great Britain and Ireland, No. 292.

GREAT BRITAIN AND IRELAND

273 ANDERSON, A. and ARCHIBALD, M. The Coins. In: Excavations at St. George's Street, Canterbury. P. Blockley, Editor. *ArchCantiana* Vol. 105 (1988) pp. 107-110.

Seventeen coins (Roman-medieval) are listed, including pence of Aethelwulf of Wessex (839-858) and William I. (Edward Besly)

274 BESLY, EDWARD. Welsh 17th Century tokens: some Tenby notes. *SCMB* No. 846 (Dec. 1989) pp. 294-297 illus.

A Tenby farthing of Deverux Hammond is published. Recent Welsh token finds are summarized. (Author)

275 BLACKBURN, MARK and BONSER, MICHAEL. A small fused group of coins from the reign of Edgar (959-75) found near North Owersby, Lincs. *NCirc* Vol. 97 No. 8 (Oct. 1989) p. 255 illus.

276 BLACKBURN, M.A.S. The Anglo-Norman coins in the Fitzwilliam Museum. *BNJ* Vol. 57 (1987) pp. 108-113.

A summary listing of 270 pennies, William I through Henry II, is given.
(*Edward Besly*)

277 BLACKBURN, M.A.S. and BONSER, M.J. The 'Porcupine' sceattas of Metcalf's variety G. *BNJ* Vol. 57 (1987) pp. 99-103 illus.

278 BLUNT, C.E., STEWART, B.H.I.H. and LYON, C.S.S. *Coinage in Tenth-Century England, from Edward the Elder to Edgar's Reform*. (London, 1989) 372 pp. illus.

The first detailed study of the coinage of England between the death of Alfred in 899 and the major monetary reform undertaken in the closing years of the reign of Edgar (957/9-975). Its scope takes in the coinage of Plegmund, the last Anglo-Saxon archbishop of Canterbury to coin in his own name and the Viking issues up to 927 and including 939-954.
(*Publisher*)

279 BOON, G.C. Coins. In: A collection of medieval artefacts found near Holywell, Clwyd. J.F. Manley and J.M. Lewis, Editors. *BBCS* Vol. 34 (1987) pp. 270-282.

Casual finds from several sites, including a 'short-cross' penny from the Runddian mint, are published.
(*Edward Besly*)

280 BRETT, JOHN. The 'Money of Necessity' of King James II. *SCMB* No. 846 (Dec. 1989) pp. 291-294 illus.

281 CHICK, DEREK. A portrait coinage for Offa in East Anglia. *NCirc* Vol. 97 No. 6 (July/Aug. 1989) pp. 191-197 illus.

282 CHOWN, JOHN. Some unpublished Hiberno-Norse coins. *NCirc* Vol. 97 No. 8 (Oct. 1989) pp. 256-257 illus.

283 Coin Register. *BNJ* Vol. 57 (1987) pp. 122-152 illus.

207 recent stray finds from England and Wales are published. (*Edward Besly*)

284 COOK, BARRIE J. The royal household and the mint (1279-1399). *NC* (1989) pp. 121-133.

The relationship between the English royal household and the mint is discussed

and its main aspects considered: the use of the mint to fund the household; the appointment of household clerks to the wardenship; the use of mint officials on household business. The point is made that the mint could be a useful asset to the king, even when actual profits from minting were not great. (Author)

285 COOPER, DENIS R. Mestrelle's Minting Methods—A Comment. *NCirc* Vol. 97 No. 8 (Oct. 1989) pp. 257-259 illus.

286 DAWSON, A. and MAYHEW, N.J. A Continental find including Tealby pennies. *BNJ* Vol. 57 (1987) pp. 113-118 illus.

Sixteen 'Tealby' pennies of Henry II from a hoard said to have been found near Brussels are published and discussed. (Edward Besly)

287 DYER, G.P. *Royal Sovereign 1489-1989*. (Royal Mint, 1989) 99 pp. illus.

Five essays by leading writers: John Porteous (A Fifteenth Century Revival); C.E. Challis (The Early Study); G.P. Dyer (The Modern Sovereign); John Sharples (Sovereigns of the Overseas Branches); E.G.V. Newman (A Model of Accuracy). (Edward Besly)

288 GASPAR, PETER P. Mestrelle's Minting Methods—A Query. *NCirc* Vol. 97 No. 6 (July/Aug. 1989) pp. 187-188.

The author discusses the "milled" coins of Elizabeth I of England. (Edward Besly)

289 HARRIS, E.J. Odd pence of Henry V. *SCMB* No. 846 (Dec. 1989) pp. 299-300 illus.

290 HAWKER, C.R. Eighteenth Century token notes from Matthew Boulton's letters: the Glasgow Halfpenny. *SCMB* No. 843 (Sept. 1989) pp. 200-202; No. 844 (Oct. 1989) pp. 227-230 illus.

291 JONSSON, KENNETH. Grantham—a new Anglo-Saxon mint in Lincolnshire. *BNJ* Vol. 57 (1987) pp. 104-105 illus.

A penny of Aethelred II's First Hand type is published. (Edward Besly)

292 JUEL-JENSEN, BENT. Was the design of one of Offa's coins inspired by the silver of King Ebana of Aksum? *NCirc* Vol. 97 No. 9 (Nov. 1989) p. 296 illus.

293 KENNY, MICHAEL. A small hoard of pennies of Aethelred II (978-1016) from Ireland. *BNJ* Vol. 57 (1987) pp. 106-107 illus.

The author discusses four pennies—First Hand, Second Hand (2), Crux, deposited ca. 995 at an unknown Irish site. (Edward Besly)

- 294** KENT, J.P.C. An issue of farthings of Richard II. *BNJ* Vol. 57 (1987) p. 119.

An issue of farthings in May 1382 is discussed. (Edward Besly)

- 295** LEWIS, ADRIAN. Counterfeits, Hoards and Tokens. *SCMB* No. 846 (Dec. 1989) pp. 297-298.

The author publishes reports from the *Blackburn Mail*, 1793-1795. (Edward Besly)

- 296** LINDBERGER, E. Gåvor från de numismatiska stiftelserna till Kungl. Myntkabinettet 1987 (2). [Gifts from the Numismatic Foundations to the Royal Coin Cabinet in 1987 (2)]. *SNT* No. 9/10 (1989) pp. 220-223 illus.

Anglo-Saxon and early English coins (18) donated to the Royal Coin Cabinet are described. (Bengt E. Hovén)

- 297** MASS, JEFFREY P. An Inventory of Moneyers in Short Cross Classes I-IV. *NCirc* Vol. 97 No. 6 (July/Aug. 1989) pp. 185-186.

- 298** METCALF, D.M. and NORTHOVER, J.P. Coinage alloys from the time of Offa and Charlemagne to ca. 864. *NC* Vol. 149 (1989) pp. 101-120 illus.

Analyses of a selection of 73 Anglo-Saxon and Carolingian coins by electron-probe micro-analysis for 11 elements show that debasement occurred in both England and France in the 840s, apparently as a politically controlled response to the Viking assaults. The Carolingian coins swept away by the reform following the Edict of Pîtres (864) included many on a silver standard of only 50 percent. (Authors)

- 299** METCALF, D.M. The taxation of moneyers under Edward the Confessor and in 1086. *Domesday Studies*. J.C. Holt, Editor. Papers read at the Novecentenary Conference of the Royal Historical Society and the Institute of British Geographers. (Winchester 1986; Woodbridge 1987) pp. 279-293.

- 300** METCALF, D.M. Were Ealdormen exercising independent control over the coinage in mid-tenth century England? *BNJ* Vol. 57 (1987) pp. 24-33.

- 301** MITCHINER, M.B., MORTIMER, C. and POLLARD, A.M. The Chemical compositions of nineteenth-century copper-base English jetons. *BNJ* Vol. 57 (1987) pp. 77-88.

- 302** MURRAY, JOAN E.L. The coinage of the Marians in Edinburgh Castle in 1572. *BNJ* Vol. 57 (1987) pp. 47-53 illus.

- 303** NORTH, J.J. *Sylloge of Coins of the British Isles 39: The J.J. North Collection, Edwardian English Silver Coins 1279-1351*. (London, 1989) 278 pp. illus.

304 NUTBOURNE, EDWIN R. Can Mules be classified? *NCirc* Vol. 97 No. 9 (Nov. 1989) pp. 294-295 illus.

305 RICE, G. The Gun Money of James II. *NCirc* Vol. 97 No. 7 (Sept. 1989) pp. 224-226 illus.

306 SEABY, PETER. A round Short Cross halfpenny of Henry III. *SCMB* No. 843 (Sept. 1989) pp. 199-200 illus.

A newly discovered round Short Cross halfpenny (Class VII, London, moneyer Terri), previously only hinted at in a document, is described. (Edward Besly)

307 SEABY, WILFRED A. The half-harps of Henry VIII's Irish coinage. *BNJ* Vol. 57 (1988) pp. 34-46 illus.

308 SMART, VERONICA. More light on the Balgonie find—the Perthshire evidence. *BNJ* Vol. 57 (1987) pp. 119-121.

Local evidence for the composition of a hoard of coins of Robert III of Scotland is published. (Edward Besly)

309 STEGUWEIT, WOLFGANG. Die angelsächsischen Münzen des Münzkabinetts Gotha. *Berliner Numismatische Forschungen* Vol. 3 (1989) pp. 7-11 illus.

The author discusses the 59 Anglo-Saxon denars of the Gotha Coin Cabinet and catalogues them according to the format of the *Sylloge of Coins of the British Isles*. (Paul Arnold)

310 STEWART, IAN. Edward Burns. *BNJ* Vol. 57 (1987) pp. 89-98.

An account of the author of *The Coinage of Scotland* (1887) is given. (Edward Besly)

311 STEWART, IAN. Type XV of Henry I. *SCMB* No. 845 (Nov. 1989) pp. 259-264.

312 TALVIO, TUUKKA. Agnus Dei: Mynt och myntsmycken [Agnus Dei: Coins and Amulets]. *NNUM* No. 4 (1990) pp. 83-85 illus.

The Agnus Dei type of Aethelred II is known in 14 specimens, most of them from north European finds. Five of the 12 whole coins have been used as pendants, presumably because of the religious images. (Author)

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

General, Nos. 8, 13.
 Technology and Methodology, No. 41.
 Medals and Decorations, Nos. 530, 551.
 Paper Money, No. 571.
 Tokens and Jetons, Nos. 610, 616.

WESTERN AND CENTRAL EUROPE

313 ABREU, T.G.M. DE and GOMES MARQUES, M. From County to Kingdom. Some economic signs of evolution in the territorium portugalen-sis. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 317-342.

314 AHRENS, DIETER. *Generationen Geschichte Geld: zweitausend Jahre Geldgeschichte in Trier. Handbuch und Katalog.* (Trier, Städtisches Museum Simeonstift, 1986) 136 pp. illus.

315 ARNOLD, THOMAS. Die Nordhäuser Hohlpfennigemission von 1382. *NH* No. 45 (Gera, 1989) pp. 13-21.

The author attempts to order chronologically the hohlpfennigs from Nordhausen anew. (Paul Arnold)

316 BALAGUER, A.M. Paries and myth of the mancus. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 499-546.

317 BEHR, GERD. Zu den Dukatenprägungen der Münzstätte Erfurt für Gustav II. Adolf von Schweden. *NH* No. 45 (Gera, 1989) pp. 71-80.

The author is concerned with the ducats of Gustaf II Adolf of Schweden, which have been attributed up to now as from the mint Erfurt. (Paul Arnold)

318 BELLOCCHI, LISA. *Le monete di Bologna. Le collezioni d'arte della Cassa di Risparmio in Bologna.* (Bologna, Le Raccolte Numismatiche 1, Cassa di Risparmio in Bologna, 1987) 437 pp. illus.

In this volume, the first dedicated to the numismatic collection owned by the Cassa di Risparmio in Bologna, ca. 1550 examples issued by the Bolognese mint between 1191 and 1861 are presented. The work is introduced by several in-depth treatments concerning the events of the city. (Andrea Carignani)

319 BERGHAUS, PETER. *Die mittelalterliche Münzprägung in Vechta.* (Vechta, Beiträge zur Geschichte de Stadt Vechta, 1988) illus.

320 BERGHAUS, PETER. *Hansisches Geld in Westfalen. Geldumlauf, Währungssysteme und Zahlungsverkehr in Nordwesteuropa 1300-1800: Beiträge zur Geldgeschichte der späten Hansezeit.* Michael North, Editor. (Cologne and Vienna, Böhlau, 1989) illus.

321 BERGHAUS, PETER. *Lybska flottans myntskatt. Gotländskt Arkiv* Vol. 61 (1989) pp. 185-196.

A hurried publication deadline did not permit the author to make some corrections. Contrary to his instructions, in the format of the journal accepted by the author there were to appear 6 mounted coin plates which were reduced by half and, in addition to that, the block of the illustrations 107-180 (with the exception of the paging) placed at the head—a sight “grässlich and gemein” (Chr. Morgenstern). The author begs understanding. 2 inconvenient mistakes: (1) p. 186, right column, Z.21 v. oben: instead of 1973, read 1573; (2) p. 196, right column, Z.13 v. unten: instead of 1523-65, read 1528-65. (Author)

322 BIGNOTTI, LORENZO. *La zecca di Mantova.* (Mantova, Edizione Numismatica Grigoli 1984) 141 pp. illus.

In the volume the activity of the mint of Mantua from its foundation ca. the mid-12th century until its closure in 1848 is analyzed and described. The coinage issued in the city of Casale during the period of the dominion of the Gonzaga (1536-1707) is also examined. (Andrea Carignani)

323 BORGHI, MARIO. *Nicolò Maltraversi, vescovo in Reggio, e le sue monete.* (Reggio Emilia, Edizioni Libreria Moderna 1987) 76 pp. illus.

The author publishes the pieces struck in the mint of Reggio Emilia between 1211 and 1243 under Nicolò Maltraversi. (Andrea Carignani)

324 BÜTTNER, ADALBERT. *Das Schichtbuch des Hermen Bote und die Goslarer Groschenmünzen um 1500. Berliner Numismatische Forschungen* Vol. 3 (1989) pp. 65-72 illus.

The book of classifications by Hermen Bote and the groschen from Goslar from ca. 1500 mentioned by Bote are discussed. (Paul Arnold)

325 CARTER, G.F., GOMES MARQUES, M. and RODRIGUES MARINHO, J. On the silver contents of the dineiros novos issued by Fernando I of Portugal (1367-1383). *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 379-386.

326 CHAVES, R. and CHAVES, M.J. Una ceca visigoda inédita, TURICO, en el reinado de Sisebuta. Otras aportaciones al catálogo de la moneda visigoda. *BolMan* Vol. 6 (Museo Arqueológico Nacional, Madrid, 1988) pp. 81-84.

327 CHIMIENTI, MICHELE. I quattrini di nistura conati a Bologna nella prima metà del secolo XV. *RIN* Vol. 91 (1989) pp. 205-241 illus.

Two different hoards of the coinage of Bologna in the local Civic Museum are discussed. The first comprised 65 quattrini, issued until the 1430s; the second comprised coinage of Bologna (13) and Ferrara (4). (Andrea Carignani)

328 COLLIN, BRUNO. *L'Atelier monétaire royal de Montpellier et la circulation monétaire en Languedoc de Louis XIII à la révolution (1610-1793)*. (Nîmes, Editions du Balancier 1986) 503 pp. illus. ISBN 2-9501194-0.

329 COMAS, R. Dues monedes locals inèdites d'Orgenyá. *L'Ardit* Vol. 4 (1989) pp. 137-138.

330 COMAS, R. Una moneda inèdita del Comtet d'Urgell. *L'Ardit* Vol. 4 (1989) pp. 136-137.

331 CORREIA NORAS, J.M. A note on the arenço as an unit of weight. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 407-410.

332 CRUSAFONT I SABATER, M. Barcelona i le moneda catalana. *Caixa de Pensions Barcelona* (1989) 244 pp.

333 CRUSAFONT I SABATER, M. and BALAGUER, A.M. El millenari de Catalunya. El punt de vista numismàtic. *L'Ardit* Vol. 4 (1989) pp. 130-132.

334 CRUSAFONT I SABATER, M. Nova incusa comtat d'Urgell. *L'Ardit* Vol. 4 (1989) pp. 133-135.

The author discusses the legend COMS.

(Leandre Villaronga)

335 CRUSAFONT I SABATER, M. The copper coinage of the Visigoths of Spain. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1988) pp. 35-70.

336 CSAKI, LUCIANA. *Variarum* I.X of Cassiodorus as a Program of Monetary Policy. *Florilegium* Vol. 9 (Ottawa, Carleton University 1987) pp. 53-64

The paper analyzes Cassiodorus' support of a metrological system based on six and its multiples (6,000 nummi to a solidus) for the monetary system of the Ostrogothic kings in Italy and marshals the numismatic evidence available. (Author)

337 DANNENBERG, HANS-DIETER and KLUGE, BERND. *Ergänzende Bemerkungen zum Denarfund von Molchow, Kreis Neuruppin* (1947). *NH* No. 64 (Berlin, 1990) pp. 62-65.

The report contains supplements to the 1956 find published by A. Suhle.

(Paul Arnold)

338 DANNENBERG, HANS-DIETER. Groschenprägungen des brandenburgischen Feudalstaates im 17. Jahrhundert. *NH* No. 59 (Potsdam, 1989) pp. 22-27 illus.

The author discusses the groschen coinage from the electorate of Brandenburg of the 17th century.

(Paul Arnold)

339 DANNENBERG, HANS-DIETER. Weitere Münzfunde auf dem Gebiet des Bezirks Potsdam. *NH* No. 59 (Potsdam, 1989) pp. 37-40.

The report contains the historical documents pertaining to the coin finds of the Potsdam region.

(Paul Arnold)

340 DAY, J. The problem of the standard in medieval coinage systems. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 461-484.

341 DELOGU, PAOLO. La *Crypta Balbi*. Una nota sui materiali dell'edera. *La moneta nei contesti archeologici. Esempi dagli scavi di Roma*. Atti dell'incontro di studio, Roma 1986, Istituto Italiano di Numismatica. Studi e materiali 2. (Rome, 1989) pp. 97-105.

On the basis of several numismatic finds in the entrance of the *Crypta Balbi*, the author delineates the significance of the bronze coinage of 300 nummi, dating between the end of the 7th and the beginning of the 8th century, and presents a progressive sequence of the coinage. The circulation of such pieces, however, was brief and only within the local area.

(Andrea Carignani)

342 DEPEYROT, GEORGES, BELAUBRE, JEAN, BROECKER, RÉGINE, and CAZES, JEAN-PAUL. Trois Tresors Medievaux: Castelnaudary, Aude, XIIIe; Burlats, Tarn, XIVE; Bordeaux, Gironde, XIVE. *Archéologie du Midi Medieval*. Vol. 6 (1988) pp. 139ff.

Several medieval hoards, discovered in southern France and characteristic of the period of introduction and development of Royal Coinage, are published. The hoards of Castelnaudary (13th century, 1744 coins), of Burlats (14th century, 1704 coins) and of Bordeaux (14th century, 308 coins) are excellent indicators of the disappearance of feudal coinage, and the effects of the monetary crisis of the beginning of the 14th century in this region. In a few decades coinage was to become totally modified in its composition.

(Authors)

343 DI GIULIO, GUSTAVO. *Dalla monetazione medicea. Le monete d'argento di grande modulo battute nelle zecche del Granducato di Toscana sotto la signoria dei Medici.* (Milan, Mario Ratto Numisamtica, 1984) 141 pp. illus.

A broad review of the Medici names for the silver issued by the mints of Florence and Pisa from the first piastra struck in 1568 under Duke Cosimo I until the "pezza

della rosa" struck for the city of Livorno by Gian Gastone in 1726.

(Andrea Carignani)

344 DIETRICH, CHRISTIAN. Der Hüttenmann als Symbol. *NumBeitr* Vol. 22 No. 2 (1989) pp. 68-69.

The author is concerned with the 1923 emergency money of the Saxon State Metalworks (Staatliche Sächsische Hüttenwerke) in Freiberg. (Paul Arnold)

345 DIVO, JEAN-PAUL and SCHRAMM, HANS-JOACHIM. *Die deutschen Goldmünzen von 1800-1872*. 2 Vols. (Frankfurt-am-Main, P.N. Schulten, 1985) 166 pp. illus.

346 DIVO, JEAN-PAUL. *Schweizer Proben: eine Zusammenstellung der offiziellen Proben zu den Bundesmünzen seit dem Jahre 1850*. (Bad Ragaz, Numis-Post, 1985) 91 pp. illus.

347 EHRHARDT, KARL A. Gegenstempel auf Witten. *NH* No. 62 (Rostock, 1989) pp. 6-11.

348 EHRHARDT, KARL A. and MOHR, ROLF. Umlaufgebiet der Rostocker Münzen bis zum Ende der Wittenzeit. *NH* No. 61 (Rostock, 1989) pp. 77-79.

The authors discuss the circulation of the coinage of Rostock in the late Middle Ages. (Paul Arnold)

349 ERZMANN, HUBERT. Zur Geschichte der Münzstätte Weimar im 17. Jahrhundert (1619-1690). *NH* No. 45 (Gera, 1989) pp. 57-69.

The author treats the history of the Weimar mint in the 17th century.

(Paul Arnold)

350 FRIED, WOLFGANG. Bemerkungen zur Münz- und Geldgeschichte Magdeburgs bis zum 12. Jahrhundert. *NH* No. 59 (Potsdam, 1989) pp. 15-21 illus.

The author discusses problems relating to the coinage and economic history of Magdeburg up to the 12th century. (Paul Arnold)

351 GADOURY, VICTOR. *Monnaies royales françaises, Louis XIII à l'or*. 2nd edition. (Monte Carlo, The Author 1987) 654 pp. illus. ISBN 2-906602-00-0.

352 GELICHI, SAURO. Cesenatico (Forlì). Porto-canale. Gruzolo di monete dei secoli XVI e XVII. *Archeologia subacquea* 3. Supplemento al Bollettino d'Arte n. 37-38. (Rome, Ministero Beni Culturali e Ambientali 1987) pp. 13-14 illus.

During work on the river banks in 1981 a group of silver coins (Venetian and Spanish) came to light and was immediately dispersed. The lot contained 30 silver coins of the 16th-17th centuries, among which were 5 from the Milan mint and 25 from the Venice mint. (Sara Sorda)

353 GIROLA, GIUSEPPE. Le dramme padane dei Civici Musei di Brescia. *RIN* Vol. 91 (1989) pp. 33-43 illus.

The author publishes 50 silver drachmas from the Po Valley, of diverse provenance. The coins are in the collection of the Civici Musei di Brescia. (Andrea Carignani)

354 GOLABIEWSKI LANNBY, M. and WISEHN, I. Silverskatten i "Räntmästarhuset" [The Silver Hoard in the "Räntmästarhuset"]. *SNT* No. 9/10 (1989) pp. 224-225 illus.

455 Swedish silver coins (1669-1741) found in the Old Town of Stockholm are mentioned. (Bengt E. Hovén)

355 GOMES MARQUES, M. Bullion starvation and the Portuguese overseas expansion. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 447-460.

356 GOMES MARQUES, M. and METCALF, D.M. Problems of Medieval Coinage in the Iberian Area. *Symposium. Sociedade Numismatica Scalabitene, Instituto de Sintra, Senterem.* 4-8 October 1988 (1989) 582 pp.

The authors outline and detail the presented articles. (Leandre Villaronga)

357 GRIERSON, PHILIP. Guglielmo II o Ruggero II? Una attribuzione errata. *RIN* Vol. 91 (1989) pp. 195-204 illus.

The author reattributes to the reign of Ruggero II a heavy bronze follis with a lion mask and palm, which was traditionally attributed to William II. In particular, these issues, classically inspired, were struck between 1120 and 1127 and distributed in Sicily and southern Calabria. (Andrea Carignani)

358 HACKL, J. Bernhard av Sachsen-Weimar [Bernard of Saxony-Weimar]. *SNT* No. 2 (1990) pp. 34-35 illus.

A thaler struck for the Duke Bernard of Saxony-Weimar (1604-1639) in the year 1634 is described together with some information on the moneyer Conrad Stutz. (Bengt E. Hovén)

359 HANSEN, MAIKEN. Udmøntningens størrelse i Danmark of Skåne i 1000 årene [The Size of Coinage in Denmark and Scania in the 11th Century]. *NNUM* No. 3 (1990) pp. 50-54. In Danish.

The author attempts to estimate the size of the Danish coinage in the 11th century, a period of economic growth in the country. From ca. 1060-1070, when the large

silver hoards of foreign coins cease, the supply of autonomous coinage becomes more regular and plentiful. (Ulla Westermarck)

360 HASSELMANN, W. *Die privaten Notmünzen: nichtamtliche Ausgaben von 1916-1922.* (Hamburg, Verlag Holger Rosenberg, 1985) 338 pp. illus.

361 HERRERO, J.A. Dos cecas inéditas españoles (Visigodes). *Coleccionistas* Vol. 12 (1989) 35 pp.

362 HEUSS, DIETER. Fränkische Münzfunde, ein Überblick über Umlauf und Einfluss des fremden Geldes zwischen 1495 bis 1566. *NH* No. 45 (Gera, 1989) pp. 23-42.

The author gives an overview concerning the circulation of foreign money in France between 1495 and 1566 on the basis of coin finds. (Paul Arnold)

363 IBRAHIM, T. Notas sobre un amuleto andalusí y la problemática de las monedas perforadas. *Boletín de Arqueología Medieval* Vol. 2 (1988).

364 KLUGE, BERND. Die Halberstädter Münzprägung unter den Bischöfen Brantho (1023-1036) and Burchard I. (1036-1059). Eine stempelkritische Untersuchung. *Berliner Numismatische Forschungen* Vol. 3 (1989) pp. 13-27 illus.

The author discusses in detail the semiofficial coinage of Bishops Brantho and Burchard I, undertakes a die study of 110 denars, and records in a catalogue 53 finds with denars of both bishops. (Paul Arnold)

365 KLUGE, BERND. Der Münzfund von Gnoien, Kr. Teterow, verborgen nach 1556. *Berliner Numismatische Forschungen* Vol. 3 (1989) pp. 73-89 illus.

The author discusses a hoard, discovered in 1984, which contained 1,274 coins: primarily Brandenburg groschen as well as northern German double schillings, schillings and sixth-schillings. The hoard contains material from 1432 to 1556. (Paul Arnold)

366 KLUGE, BERND and KUNZEL, MICHAEL. Der Münzfund von Schmachthagen, Kreis Waren, verborgen nach 1546. *NH* No. 61 (Rostock, 1989) pp. 12-19.

The authors discuss a hoard uncovered in 1962. The hoard comprised 111 small coins from north Germany and Brandenburg, dating between 1474 and 1545. (Paul Arnold)

367 KOPPATZ, JÜRGEN. Zu den brandenburgisch-preussischen Münzreformen im 17. und 18. Jahrhundert. *NH* No. 59 (Potsdam, 1989) pp. 28-32.

The author describes the Brandenburg-Prussian coin reforms of the 17th and 18th centuries. (Paul Arnold)

368 KRAMER, W. *Die Geldmacher vom Gulden zum Schilling*. (Vienna, Kremyr and Scheriau, 1985) 223 pp. illus.

369 KUNZEL, MICHAEL. Zur herzoglich-mecklenburgischen Münzprägung von 1584, 1585. *NumBeitr* Vol. 22 No. 4 (1989) pp. 172-173.

The author describes the minting profession in Grevesmühlen, in particular the coin master Georg Merten (1584-5). (Paul Arnold)

370 KUNZEL, MICHAEL. Zur Münzgeschichte des Herzogtums Mecklenburg-Güstrow nach dem Dreissigjährigen Krieg. *NH* No. 61 (Rostock, 1989) pp. 59-76 illus.

The author is concerned with the history of the coinage of the Duchy Mecklenburg-Güstrow following the Thirty Years War. (Paul Arnold)

371 LACAM, GUY. A propos de la mutation de l'indicatif R-V en R-A sur les *solidi* Visigoths du Royaume de Toulouse. *RIN* Vol. 91 (1989) pp. 181-194 illus.

The assassination of Ezio in 454 provoked an irremediable break in the balance between the empire and the barbarian people and the denunciation of the treaty with the Visigoths. A reflex action of this political crisis is reflected in the numismatic field with the progressive separation of the Visigothic coinage from the influence and authority of Rome and the emperor: in the struggle is Valentinian III who, according to the author, should be placed in the transition of the reverse type of the Visigothic coinage from the traditional R-V to the new R-A. (Andrea Carignani)

372 LAUERWALD, PAUL. Die Münzfunde des Eichsfeldes (dritter Nachtrag). *Eichsfelder Heimathefte Worbis* Vol. 29 No. 4 (1989) pp. 325-333.

The author records in documentary fashion 13 new coin finds. (Paul Arnold)

373 LEWCZUK, GRAŻYNA. *Pieniądz na ziemiach polskich* [Money in the Polish Lands]. (Biała Podlaska, District Museum 1989) 34 pp. illus.

A popular survey of Poland's monetary history is given. (Andrzej Mikołajczyk)

374 LINKE, HELMUT. Zur Kulmer Mark und ihrer Verknüpfung mit der Kölner Mark. *NH* No. 61 (Rostock, 1989) pp. 27-31.

The author discusses the Kulmer mark of the German order of knighthood and its relationship to the Cologne mark. (Paul Arnold)

375 MARGOLIS, RICHARD. A Would-be Essay of the "Hundred Days". *NCirc* Vol. 97 No. 7 (Sept. 1989) pp. 222-223 illus.

A pattern 5-francs 1815 of Napoleon is shown to be a privately sponsored fantasy piece, first struck in England in 1847.
(Edward Besly)

376 MARQUES DE FARIA, A. On Finds of Suevic and Visigothic Coins in the Iberian Peninsula and their Interpretation. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 71-90.

377 MEHNER, HOLGER. Stempelfehler und versteckte Zeichen auf Meissner Groschen. *NumBeitr* Vol. 22 No. 2 (1989) pp. 64-68.

The article concerns the die flaws and distinctive marks on Meissen groschen.
(Paul Arnold)

378 METCALF, D.M. A parcel of coins of Alfonso VI of Leon (1073-1109). *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 287-306.

379 METCALF, D.M. For what purposes were Suevic and Visigothic tremisses used? The contribution of topographical analysis, illustrated by some comments on single finds from Alentejo and the mint of Elvora. *Problems of Medieval Coinage of the Iberian Area* Vol. 3 (1989) pp. 15-34.

380 MIONI, VITTORIO and LUSUARDI, ARTURO. *La zecca di Correggio. Catalogo dalle monete correggesi*. (Modena, Mucchi 1986) 295 pp. illus.

On the basis of a broad examination of archival material, the unpublished as well as the published material regarding this question, the authors delineate the historical vicissitudes of the mint of Correggio from its first mention in 1558 until 1630, the year of the pursuit of its last lord, the Prince Siro, into the Austrian situation.

(Andrea Carignani)

381 MORA SERRANO, B. and OJEDA MARTIN, M. Un tipo monetar de Acinipo y su relación con le numismática Norteafricana. *Congreso Internacional Estracho de Gibraltar*. Ceuta, Nov. 1987. (1988) pp. 593-600.

382 MOSER, HEINZ, RIZZOLLI, HELMUT and TURSKY, HEINZ. *Tiroler Münzbuch. Die Geschichte des Geldes aus den Prägestätten des alttirolischen Raumes*. (Innsbruck, Haymon Verlag 1984) 208 pp. illus.

383 MROWIŃSKI, EUGENIUSZ. Mennictwo śląskie na przełomie średniowiecza i czasów nowożytnych [Silesian Mintage at the Turn of Medieval and Modern Times]. *BN* Nos. 76-12 (July-Dec. 1988, publ. 1989) pp. 10-16 illus. English summary.

Historical and metrological survey of the Silesian coins struck in the late 15th and early 16th centuries by the Kings of Bohemia, local princes, bishops and towns is presented.
(Andrzej Mikołajczyk)

384 MROWIŃSKI, EUGENIUSZ. Monogramy władców na monetach polskich [Rulers' Monograms on Polish Coins]. *BN* Nos. 1-3 (Jan.-March 1989) pp. 3-14 illus. English summary.

The monograms of the medieval and modern Polish rulers depicted on the coins are presented. (Andrzej Mikołajczyk)

385 MÜLLER, JÜRGEN. Norwegische Brakteaten Ende des 12. Jahrhunderts unter Sverir Sirgurdsson (1177-1202). *NumBeitr* Vol. 22 No. 4 (1989) pp. 167-170.

The author discusses the bracteates of the Norwegian king Sverir Sirgurdsson (1177-1202). (Paul Arnold)

386 MURARI, OTTORINO. Le piu antiche monete di Mantova. *Nu-Mant Clas* Vol. 17 (1988) pp. 297-316 illus.

The author studies thoroughly the first monetary issues of the city of Mantua and offers a new scheme for the classifications. Regarding a first period (1160-1276), the issuing authority is the municipality and the types and reference values may be found on the imperial denarii of Milan and, subsequently, on the Venetian coinage; the issues of the Bonacolsi (1276-1328) and the Gonzaga (1328-1369) then corresponded to the coinage of Verona and the Veneto area. (Andrea Carignani)

387 PESCE, GIOVANNI. Monete genovesi nel "Tesoretto di Vigevano." *NumClasAnt* Vol. 15 (1986) pp. 309-315.

388 RICHARD, JEAN-CLAUDE. Monnaies de la Péninsule Ibérique. *Paris. Administration des Monnaies et Médailles. Les collections monétaires.* Vol. 1. (Paris, 1985) pp. 61-63 illus.

389 RODRIGUES MARINHO, J. Long-Cross dinheiro attributed to Alfonso II of Portugal with almond-shaped shield on the obverse. An error of description with chronological implications. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 401-406.

390 RODRIGUES MARINHO, J. The Gramacha (Evora, Portugal) hoard of medieval billon coins. *Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 387-400.

391 ROSSI, ROBERTO and PACIARONI, RAOUL. Le monete di S. Severino Marche. Storia inedita e nuovo corpus (parte prima). *RIN* Vol. 91 (1989) pp. 243-258.

Following a broad examination of the documentary and archival material, the authors illustrate several of the least known aspects concerning the activity of the monetary workshop of San Severino Marche before Pius VI and the Roman Republic.

In particular, the authors cite an episode of a clandestine striking in the 15th century and the institution of the first legal mint under Clement VII in 1524.

(Andrea Carignani)

392 ROVELLI, ALESSIA. *La Crypta Balbi. I reperti numismatici. Appunti sulla circolazione a Roma nel Medioevo. La moneta nei contesti archeologici. Esempi dagli scavi di Roma.* Atti dell'incontro di studio, Roma 1986, Istituto Italiano di Numismatica. Studi e materiali 2. (Rome, 1989) pp. 49-95 illus.

The author publishes the numismatic material found in the excavation of the entrance of the monumental complex of the *Crypta Balbi*. The author discusses 212 coins found in the strata dated between the 8th and the 15th century. Of relevant interest was a group of 34 pieces from 30 nummi struck between the end of the 7th and the beginning of the 8th century.

(Andrea Carignani)

393 SACHSE, JÖRG. *Ergänzungen zum Münzwesen des Herzogs Adolph Friedrich II. von Mecklenburg-Strelitz.* NH No. 56 (Neubrandenburg, 1989) pp. 43-50.

The article concerns the monetary affairs in Mecklenburg-Strelitz under Duke Adolph Friedrich II.

(Paul Arnold)

394 SACHSE, JÖRG. *Münzfunde im Bezirk Neubrandenburg.* NH No. 56 (Neubrandenburg, 1989) pp. 23-42.

The article describes in documentary fashion the coin finds in the Neubrandenburg district.

(Paul Arnold)

395 SAENZ-DIEZ, L. *Early gold coinages of the Reconquest. A critical review of the theories about their introduction. Problems of Medieval Coinage in the Iberian Area* Vol. 3 (1989) pp. 547-554.

396 SAGUI, LUCIA and PAROLI, LIDIA. *La Crypta Balbi. La sequenza stratigrafica. La moneta nei contesti archeologici. Esempi dagli scavi di Roma.* Atti dell'incontro di studio, Roma 1986, Istituto Italiano di Numismatica. Studi e materiali 2. (Rome, 1989) pp. 21-47 illus.

An analytical illustration of the stratigraphic diagram of the excavation of the entrance of the *Crypta Balbi* is published. The successive events between the 8th and the 15th century are retraced throughout interwoven phases and placed in relation with the archaeological evidence, in particular the pottery and numismatic material.

(Andrea Carignani)

397 SANCHEZ ABAL, J.L. and ESTEBAN ORTEGA, J. *Monedas de cecas andaluzas procedentes de Tanusia. Congreso Internacional Estrecho de Gibraltar.* Ceuta, Nov. 1987. (1988) pp. 1017-1031.

398 SARVAS, PEKKA. *Rahalöytö merenpohjasta [A Coin Find from the*

Sea Bottom]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 3 (1990) pp. 53-55 illus.

A Dutch daalder of 1611 and several pieces of Russian wire-money from 1606-1610 were found in a wreck in the Hanko (Hangö) archipelago in SW Finland.

(*Tuukka Tälvio*)

399 SCHEFFERS, ALBERT A.J. *The Dutch Gold Ducat (1586-1986)*. Rias Leigh Loohuizen, Trans. (Naarden, Strenght's Boeken, 1986) 47 pp. illus. ISBN 90-6010-646-6.

400 SCHMIDT, ANDRZEJ. Znaki na rewersach denarów Mieszka I [Marks on the Reverses of Mieszko I's Denari]. *BN* Nos. 7-12 (July-Dec. 1988, publ. 1989) pp. 16-22 illus. English summary.

The denari of the founder of the Polish state Mieszko I (ca. 960-992) bear the marks EE plus sign/plus sign on their reverses. The author connects them with the first Polish bishopric, dating to ca. 970.

(*Andrzej Mikołajczyk*)

401 STAHL, Z. *Jewish Ghettos' and Concentration Camps' Money (1933-1945)*. (London, D. Richman Books, and Israel, Holon, 1990) 95 pp. illus. In Hebrew.

The author publishes a well illustrated catalogue of this series issued mainly in Germany and its conquered countries.

(*Arnold Spaer*)

402 STEGUWEIT, WOLFGANG. Der Groschenfund von Nordhausen 1985 (um 1407). Paul Arnold zum 50. Geburtstag am 2. März 1986. *Alt-Thüringen Weimar* Vol. 24 (1989) pp. 221-245 illus.

The author details the 1,709 coins in connection with the Meissen-Thuringian monetary history of the coin hoard from Nordhausen, discovered in 1985; among them are 1,663 Meissen groschen. The hoard was deposited ca. 405-07.

(*Paul Arnold*)

403 STEGUWEIT, WOLFGANG. Die "Vereinigung Thüringer Münzfreunde" von 1929-1943 — Behrendt Pick (1861-1940) und Karl Sieburg (1891-1940) zum 50. Todestag. *NumBeitr* Vol. 22 No. 4 pp. 159-166.

404 STEGUWEIT, WOLFGANG. Erster Fundnachweis für Radpfennige der Münzstätte Heiligenstadt. *Eichsfelder Heimathefte Worbis* Vol. 29 No. 4 (1989) pp. 322-324.

The report deals with a radpfennig of Heiligenstadt, which was found in the 1988 hoard of Kleinröda (Kreis Altenburg).

(*Paul Arnold*)

405 STEGUWEIT, WOLFGANG. *Geschichte der Münzstätte Gotha vom 12. bis zum 19. Jahrhundert*. (Weimar, H. Böhlau, 1987) 263 pp. illus. ISBN 3-74500-0050-3.

406 STEGUWEIT, WOLFGANG. Zur Frage der Prägetätigkeit der lobdeburgischen Münzstätten Schleiz und Roda nach 1230. *NH* No. 45 (Gera, 1989) pp. 5-11.

The author is able to discuss and substantiate the minting business of the Lobdeburg mints Schleiz and Roda by means of the coin finds dating after 1230.

(Paul Arnold)

407 STÖBE, FRANK. Zur Rolle der Leipziger Münze und Christian Gotlob Freges bei Einführung des Konventionsmünzfusses in Kursachsen 1763. *NumBeitr* Vol. 22 No. 2 (1989) pp. 51-57.

The role of the Leipzig banker G. Frege during the introduction of the conventional Saxon monetary standard in 1763 is investigated.

(Paul Arnold)

408 SUCHODOLSKI, STANISŁAW. Monety z badań wykopaliskowych w Łeknie z lat 1982-1986 [Coins Excavated at Łekno in 1982-1986]. *Studia i Materiały do dziejów Pałuk*. (University of Poznan, 1989) pp. 215-224 illus. German summary.

Excavations of a Cistercian monastery at Łekno, Great Poland, revealed a set of 4 Prague grossi of Wenceslaw II (1278-1405) and John of Luxembourg (1310-1346) as well as 5 single coins of the late 13th to 15th centuries.

(Andrzej Mikołajczyk)

409 SUCHODOLSKI, STANISŁAW. Remarques sur les monnaies des Ostrogoths. *RIN* Vol. 91 (1989) pp. 151-180 illus.

A detailed and complete treatment of the monetary system of the Ostrogoths from the first striking of the Milan mint under Theodoric (489-490) until the disappearance of the large bronzes under Theodat and the *decanummia* of King Totila (541-552).

(Andrea Carignani)

410 TALVIO, TUUKKA. B.E. Hildebrand och tanken om ett finskt nationalmuseum [B.E. Hildebrand and the Idea of a Finnish National Museum]. *Finskt Museum* (1989) pp. 108-115 illus.

On his way to Tallinn in 1857, the Swedish State Antiquarian Hildebrand visited Helsinki and saw, among others, the coin and medal collections of the University. A previously unpublished travel account contains a description of the collections and reflections about the founding of a national museum in Finland.

(Author)

411 THUILLIER, GUY. *La monnaie en France au début du XIXe siècle*. (Geneva, Librairie Droz, 1983) 450 pp. illus.

412 TOBLER, EDWIN. *Luzerner Münzstempel und Punzen: ein Bestandsaufnahme der Sammlung des Historischen Museums mit münztechnischen Erläuterungen und numismatischen Artikeln*. (Hilterfingen, HMZ-Verlag, 1985) 155 pp. illus.

413 TODERI, GIUSEPPE. Precisazioni cronologiche su alcune monete di Arezzo. *RIN* Vol. 91 (1989) pp. 259-262 illus.

The author examines 2 Arretine coins of different dates. A "grosso" attributed to the Bishop Guido Tarlato (1312-1327), wrongly attributed previously to the succeeding period; as well as a bolognino, previously considered as dating to the municipal period, is redated to the phase of Florentine influence (the end of the 14th century).

(Andrea Carignani)

414 TRAVAINI, LUCIA. Carte autografe di interesse numismatico del Re Vittorio Emanuele III donate nel 1973 da Umberto II al Museo Nazionale Romano. *Memorie dell'Accademia Italiana di Studi Filatelici e Numismatici* Vol. 4 No. 1 (1989) pp. 105-109.

The author gives a short description of the documents of King Victor Emmanuel II of Italy in the Medagliere: among them, the first numismatic handbook, several manuscripts related to the *Corpus Nummorum Italicorum*, and some graphs dated 1919 showing the number of mints active from 1000 to 1919 in Italy, the Levant and Comtat Venaissin.

(Author)

415 TRAVAINI, LUCIA. King Victor Emmanuel III of Italy: his collection and his numismatic activity through his letters and notes. *NotChiostronMon-Magg* Vol. 41-42 (1988) pp. 67-70.

The article is the paper read at the 10th International Numismatic Congress, London 1986, and gives a detailed history of the King's activity as coin collector and numismatist, on the evidence of many new archival documents and letters.

(Author)

416 TRAVAINI, LUCIA. La monete milanese tra X e XII secolo. Zecche e monete in Lombardia da Ottone I alla riforme monetaria di Federico Barbarossa. *Atti dell'11 Congresso internazionale di Studi sull'Alto Medioevo*, Milano 26-30 ottobre 1987 (Spoleto, Centro Italiano di Studi sull'Alto Medioevo, ed. 1989) pp. 223-243 illus.

A revision of the written accounts related to the coins of the period gives some new evidence on the mint organization of the imperial mints of Padua and Milan in the 10th-11th centuries. The monetary reform of Frederick I with the creation of the *denaro imperiale* should be reconsidered, and dates only to 1162 and not before.

(Author)

417 TRAVAINI, LUCIA. Le monete a Roma nel Medioevo. *Studi Romani* Vol. 37 No. 1-2 (1989) pp. 38-49 illus.

A survey on coins in Rome from the Ostrogoths to Pope Eugenius IV, on the evidence of the coins struck in Rome, of written records on the coins used in the city, and of archaeological finds and hoards, many of which are very recent and important, like the billon Byzantine coins with papal monograms recently found on the Tiber.

(Author)

418 UECKER, REINHARD and KUNZEL, MICHAEL. Die frühen mecklenburgischen Stierkopfabrakteaten, ca. 1201 bis um 1245. *Berliner Numismatische Forschungen* Vol. 3 (1989) pp. 29-64 illus.

The authors discuss the early Mecklenburg bull-head bracteates; investigate their occurrence; analyze the weight and metal; and conclude a 1210-1245 date for the coinage.
(Paul Arnold)

419 VOLKSBANK TRIER. *Geld gab's in Trier immer; Ausstellung in der Volksbank Trier*. (Trier, Volksbank Trier, n.d.) 12 pp. illus.

420 WEDELL, KARL-HEINZ. Die Münzstätten Anhalt-Bernburgs im 19. Jahrhundert. *NumBeitr* Vol. 22 No. 4 (1989) pp. 174-176.

The author evaluates new archival material concerning the history of Anhalt-Bernburg coinage in the 19th century.
(Paul Arnold)

421 WENDLER, LOTHAR. Die Aufgaben der meissnisch-sächsischen Bergmünzstätten. *NumBeitr* Vol. 22 No. 2 (1989) pp. 62-64.

The operations of the Saxon mints are described.
(Paul Arnold)

422 WISEHN, EVA. *Sveriges Mynthistoria, Landskapsinventeringen*. Vol. 4 *Myntfynd från Uppland* [Coin Hoards from Uppland]. (Stockholm, Kungl. Myntkabinettet, 1989) 361 pp. illus.

Coin finds and hoards (855) from the province of Uppland are listed. Further information on the hoards is given in an introduction and in supplementary comments.
(Ulla Westermarck)

423 WISEHN, I. and LAGERQVIST, L.O. Kring världens största mynt — Kristinas 10-daler s.m. 1644-1645 [On the Largest Coin of the World — The 10-daler s.m. 1644-1645 of Queen Christina]. *SNV* No. 2 (1990) pp. 28-29 illus.

A short survey of the known specimens of the largest plate money is published.
(Bengt E. Hovén)

424 WISEHN, I. and LAGERQVIST, L.O. På Kongl. Myntet år 1889 — ett hundraårsminne [At the Royal Mint in 1889 — A Centennial Memory]. *SNV* No. 8 (1989) pp. 182-186 illus.

The article recounts a visit by an anonymous person to the Royal Mint. A short commentary is added.
(Bengt E. Hovén)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 1, 4, 12, 22, 25, 26, 28, 36.

Technology and Methodology, Nos. 29, 46, 48.

Near and Middle East, Nos. 219, 220, 226, 236.

Great Britain and Ireland, No. 298.

Eastern Europe and the Balkans, Nos. 426, 427, 434, 435, 441, 442, 445.

Medals and Decorations, Nos. 501, 505, 506, 509, 513, 514, 520, 522, 529, 531, 542, 543, 544, 546, 547, 548, 549.

Paper Money, Nos. 559, 560, 563, 564, 572, 573, 579, 581, 582, 583, 584, 585, 586, 587, 597, 599, 600, 601, 603.

Tokens and Jetons, No. 612.

EASTERN EUROPE AND THE BALKANS

425 BIALEKOVÁ, DARINA and TIRPÁKOVÁ, ANNA. K otázke funkčnosti sekerovitých hrívien z Pobedima z hľadiska ich metrologických hodnôt [On the Function of the Axe-Shaped Talents from Pobedim from the Point of View of Their Metrology]. *SlovNumiz* Vol. 10 (1989) pp. 89-96 illus. Russian and German summaries.

The mathematical and statistical analyses of 270 axe-shaped talents proves that their weight was in relation with Byzantine coins. (Z. Nemeškalová-Jiroudková)

426 BUZA, JÁNOS. Egy francia váltópénz levantei sikere és magyarországi szerepe a 17. század második felében [The Success of a French Coin in the Levant and Its Role in Hungary in the Second Half of the 17th Century]. *Társadalom és Művelődéstörténeti Tanulmányok* [Studies on the History of Society and Culture]. No. 6 (1989) pp. 127-137. English summary.

The French 1/12 thaler, also known as 5 sols and in Hungarian as timon, was very common and circulated in Hungary in the 17th century. At the end of the 17th century this coin was also common in the Levant. (István Gedai)

427 CHIDEROV, PANAIOT. Trésor des monnaies européennes de XVI-XVII s. de Belitza. *Numizmatika* Vol. 23 No. 2 (1989) pp. 30-40 illus. In Bulgarian; French summary.

While studying a hoard of European money found in southwest Bulgaria, the author noted the active participation of the thalers of the Belgian Confederation within the local monetary circulation. (I. Youroukova)

428 HANULIAK, MILAN. K problematike výskytu mincí v hrobech z 11. až 12. storočia na Slovensku [On the Problem of the Coins from the 11th and 12th Centuries in Graves in Slovakia]. *SlovNumiz* Vol. 10 (1989) pp. 175-189 illus. Russian and German summaries.

Primarily men, rarely women and only exceptionally children were buried equipped with coins in the graves of this period. The author deals with the chronology of these graves, the kind and preservation of coins and the deposit places in the graves.

(Z. Nemeškalová-Jiroudková)

429 HANULIAK, MILAN. Mince z pohrebiska z 10. až 11. storočia v Malých Kosihách [The Coins from the 10th and 11th Century Cemetery in Malé Kosihy]. *SlovNumiz* Vol. 10 (1989) pp. 203-212 illus. Russian and German summaries.

The cemetery comprises 435 skeleton graves, 10 of which contain Hungarian coins.

(Z. Nemeškalová-Jiroudková)

430 HÁSKOVÁ, JARMILA. K obchodným stykům Čech s Uhrami v období ranného feudalismu - nálezy uherských mincí v Čechách [On the Czech-Hungarian Trade in the Early Feudal Period - the Hungarian Coin-Finds in Bohemia]. *SlovNumiz* Vol. 10 (1989) pp. 213-221. Russian and German summaries.

Little evidence for trade relations in the 10th century exists; in the 11th century the coin finds support the written documents.

(Z. Nemeškalová-Jiroudková)

431 HLINKA, JOZEF. Nálezy mincí na Slovensku z 11. až začiatku 14. storočia a ich historicko-numizmatická analýza [The Coin Finds from the 11th to the Beginning of the 14th Century in Slovakia and their Historical and Numismatic Analyses]. *SlovNumiz* Vol. 10 (1989) pp. 153-164 illus. Russian and German summaries.

The author publishes an analysis of 1,215 coin finds from this period, among them 37 hoards containing 16,443 coins.

(Z. Nemeškalová-Jiroudková)

432 HUNKA, JÁN. Mincovníctvo Arpádovcov - poznatky a problémy bádania [The Coinage of the Arpads - Contemporary Knowledge and the Problems]. *SlovNumiz* Vol. 10 (1989) pp. 139-151 illus. Russian and German summaries.

The history of research concerning Hungarian coinage from the 11th to the 14th centuries and the main questions to be considered in future research.

(Z. Nemeškalová-Jiroudková)

433 KAZIMÍR, ŠTEFAN. Tovarovo-peňažné vzťahy v období denárovej meny, t.j. 11. až začiatok 14. storočia [Goods-Money Relationship in the Period of Deniers, i.e., from the 11th to the Beginning of the 14th Century]. *SlovNumiz* Vol. 10 (1989) pp. 117-124. Russian and German summaries.

The author discusses the beginning of markets, their connection with the spread of Christianity, foundations of churches and the origin of the towns.

(Z. Nemeškalová-Jiroudková)

434 KOVÁCS, LÁSZLÓ. *Münzen aus der ungarischen Landnahmezeit.* (Budapest, 1989) 188 pp. illus.

The author catalogues coins (Cufic, Byzantine and denars of Western Europe) of the 10th century, known as the Age of Hungarian Conquest. The author identifies 1,138 coins. The author provides descriptions, and documents the coins in tables and summarizes the rulers, mints and findspots. Archaeological explanations of the coins are included. (István Gedai)

435 KRASKOVSKÁ, LUDMILA. *Nálezy cudzích mincí z 11. až začiatku 14. storočia na Slovensku* [The Foreign Coin Finds from the 11th to the Beginning of the 14th Centuries in Slovakia]. *SlovNumiz* Vol. 10 (1989) pp. 165-173 illus. Russian and German summaries.

Bohemian and Moravian coins from the end of the 10th to the beginning of the 12th centuries occur in Slovakia mostly in graves. Foreign coins from the 12th to the 14th centuries, mostly Austrian, appear both in graves and in hoards due to the simultaneous circulation of the coins.

(Z. Nemeškalová-Jiroudková)

436 KUČEROVSKÁ, TAĽÁNA. *Peněžně-ekonomická struktura na Moravě v 9. a 10. století* [Money/economic Structure in Moravia in the 9th and 10th Centuries]. *SlovNumiz* Vol. 10 (1989) pp. 75-80. Russian and German summaries.

The author deals with the forms of exchange which create the intermediate stage in the development of a money economy. (Z. Nemeškalová-Jiroudková)

437 LEÁNYFALUSI, KÁROLY. *Pénzrendeletek, kibocsátványok, hirdetmények, kimutatások, 1850-1892, 1903* [Monetary Decrees, Issues, Notices and Statements, 1850-1892, 1903]. *AzÉrem* Vol. 2 (1989) pp. 43-48.

438 MAREŠOVÁ, KRISTINA. *Předmincovní platidlo ze slovanského pohřebiště v Uherském Hradišti - Sadech* [The Means of Payment Before Coins Found in the Slavonic Cemetery in Uherské Hradiště - Sady]. *SlovNumiz* Vol. 10 (1989) pp. 97-101 illus. Russian and German summaries.

A kerchief found in a grave in a cemetery from the 9th century is the only evidence which manifests the use of such kerchiefs as a means of payment in the Great Moravia trade centers. (Z. Nemeškalová-Jiroudková)

439 MARSINA, RICHARD. *Politický vývoj na Slovensku od 10. do začiatku 14. storočia* [Political Development in Slovakia from the 10th to the Beginning of the 14th Centuries]. *SlovNumiz* Vol. 10 (1989) pp. 103-115. Russian and German summaries.

The author distinguishes two phases in the political development: (1) the 10th and 11th centuries when alternatively the Czech, Polish and Hungarian states influenced the Slovak territory; (2) the 12th to the 14th centuries when Slovakia was already a permanent part of Hungary. (Z. Nemeškalová-Jiroudková)

440 PENTCHEV, VLADIMIR. Monnaie d'argent d'Ivan Chichman, surfrappée sur une monnaie d'Ivan Sratsimir. *Numizmatika* Vol. 23 No. 4 (1989) pp. 27-30 illus. In Bulgarian; French summary.

The author publishes a silver coin of Ivan Chichman, which belongs to his fourth and final striking, overstruck on a silver coin of Ivan Sratsimir. This denar belongs to one of the latest varieties of the second chronological group of silver coinage of this Bulgarian czar. (I. Youroukova)

441 PHILIPPOVA, FIONERA and CHIDEROV, PANAIOT. Sur la circulation des monnaies d'or ottomanes et européennes occidentales dans le sandjak de Vidin du XVI - à la première moitié du XIX^e siècle. *Numizmatika* Vol. 23 No. 4 (1989) pp. 30-36 illus. In Bulgarian; French summary.

The study concerns gold coins of Western Europe and the Ottoman empire in the numismatic collection of the Historical Museum of Vidin. The increased number of the gold coins dating to the first half of the 18th century in contrast to the insignificant number dating to the preceding period coincides with the intensification of trade relations between the port and the Western European states. (I. Youroukova)

442 PLEINER, RADOMÍR. K otázce funkce a rozšíření sekeroovitých hřiven [On the Question of the Function and Extension of the Axe-Shaped-Talents]. *SlovNumiz* Vol. 10 (1989) pp. 81-88 illus. Russian and German summaries.

The finds of axe-shaped-talents in Moravia and Poland, especially the hoard comprising more than 4,000 pieces deposited in Cracow, demonstrate the places where the individual forms of them occur. (Z. Nemeškalová-Jiroudková)

443 REJHOLCOVÁ, MÁRIA. Obolus mŕtvych na pohrebisku v Čakajovciach [The Dead-Obolos in the Cemetery in Čakajovce]. *SlovNumiz* Vol. 10 (1989) pp. 191-201 illus. Russian and German summaries.

Twenty-nine graves equipped with Hungarian coins were unearthed in the cemetery dating to the 11th and the 12th centuries. (Z. Nemeškalová-Jiroudková)

444 SALTZER, ERNÖ. Egy árpádházi pénzlelettel kapcsolatos tévedés helyesbitése [The Correction of an Error in Connection with a Hoard from the Age of Arpad Dynasty]. *AzÉrem* Vol. 2 (1989) pp. 6-7.

The author documents that a hoard, previously thought to be two different hoards—Alsóhelbény and Nyitrakoros—is only one. The hoard consists of 1,812 denars. (István Gedai)

445 SARVAS, PEKKA. Die mittelalterlichen Brakteaten von Turku (Åbo). *Lit. Festschrift till Lars O. Lagerqvist* (NM 37, Stockholm 1989) pp. 357-364 illus.

The medieval bracteates struck at Turku (Finland) are discussed with regard to letter-forms, weights and hoard composition. (Bengt E. Hovén)

446 ŠMERDA, JAN. Nález uherských mincí na Moravě z 11. a 12. století [The Finds of Hungarian Coins from the 11th and 12th Centuries in Moravia]. *SlovNumiz* Vol. 10 (1989) pp. 223-233 illus. Russian and German summaries.

A list and an analysis of the Hungarian coins discovered both in graves and in hoards are given. (Z. Nemeškalová-Jiroudková)

447 SOÓS, FERENC. Ujlaki Miklós denárjai [The Denars of Miklós Ujlaki]. *AzÉrem* Vol. 2 (1989) pp. 8-10.

The author summarizes the coinage of the Bosnian king Miklós Ujlaki (1472-1477). (István Gedai)

448 ŠTEFANOVIČOVÁ, TÁŇA. Význam nálezov mincí pre archeologické bádanie včasného stredoveku [The Significance of the Coin Finds for Early Medieval Archaeology]. *SlovNumiz* Vol. 10 (1989) pp. 235-240. Russian and German summaries.

The chronology of graves with coins is presented and an analysis of the vessels used for deposit of the coin hoards is suggested. (Z. Nemeškalová-Jiroudková)

449 YANEV, YANTCHO. Nomisma-tétarteron de Jean Tzimiscès, trouvé à Kustendil. *Numizmatika* Vol. 24 No. 1 (1990) pp. 26-28 illus. In Bulgarian; French summary.

The author publishes a tetarteron of Jean Tzimisces (Class 2, variant b) found at Kyustendil. (I. Youroukova)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

General, Nos. 22, 24, 31, 33.

Western and Central Europe, Nos. 383, 384.

Medals and Decorations, Nos. 521, 523, 524, 533, 536, 537, 545, 550, 552.

Paper Money, Nos. 578, 585, 590.

Tokens and Jetons, No. 615.

UNITED STATES OF AMERICA

450 ALEXANDER, DAVID T. and DE LOREY, THOMAS K. *Coin World Comprehensive Catalog and Encyclopedia of United States Coins*. (New York: World Almanac, 1990) 456 pp. illus.

An illustrated and priced handbook of U.S. coins, patterns, and early American issues designed to replace the Scott/Taxay (1976) reference; intended for beginning and moderately advanced collectors. Population census and rarity information are provided for most early American and regular federal issues. (Michael Hodder)

451 ANTON, WILLIAM T. and HODDER, MICHAEL. The Mark Newbie Home-Site. *ColN* Vol. 29 No. 3 (Dec. 1989) pp. 1111-1117 illus.

Using contemporary survey maps the authors accurately locate the site of Quaker settler Mark Newbie's 1681 homestead in the Province of West Jersey. The surety Newbie posted for the redemption of the coppers he was empowered to circulate was that parcel of land later (1818) named Woodlyne. (Michael Hodder)

452 BREEN, WALTER. 1797 S-121a: A Legitimate Sub-variety. *PennyWise* Vol. 24 No. 2 (15 March 1990) pp. 61-62.

The author asserts that all specimens seen of Sheldon-121a bear a beaded edge similar to that found on many S-134, some S-135, S-136, and S-137. Sheldon's dissenting opinion should be discarded. A condition census "Almost VG-Fair" for S-121a is proposed. (Michael Hodder)

453 BRIGGS, LARRY. The 1837-CC No Arrows Quarter. *GobrechtJ* Vol. 16 No. 46 (Nov. 1989) pp. 3-9 illus.

A die study of obverses and reverses used 1870-1876 at the Carson City Mint shows that the reverse die used to strike the 1873-CC NA quarter was not one of those used to coin previous years' mintages. This reverse was later used on some small part of the 1876-CC quarter issue. A condition/population census of the 1873-CC NA quarter is included. (Michael Hodder)

454 CLAIN-STEFANELLI, ELVIRA. Mint Collection Moves to Smithsonian in 1923. *CW* Vol. 31 No. 1562 (21 March 1990) p. 92.

In this first part of the series the accession of the Philadelphia Mint's numismatic collection by the Smithsonian on 13 June 1923 is discussed as well as the support of the transfer by Secretary of the Treasury Andrew W. Mellon. (Michael Hodder)

455 CLAIN-STEFANELLI, ELVIRA. National Numismatic Collection Doubles. *CW* Vol. 31 No. 1569 (9 May 1990) pp. 94-95 illus.

In this second part of the series the transfer of the mint collection nearly doubled the size of the Smithsonian collection, adding nearly 2,700 U.S. coins and tokens, along with thousands of foreign coins. The history of the Mint Cabinet from 1838 to 1905 is detailed. (Michael Hodder)

456 CLAIN-STEFANELLI, ELVIRA. Patent Office Once Home to National Collection. *CW* Vol. 31 No. 1557 (14 Feb. 1990) pp. 92, 100 illus.

Benefactions by citizens and gifts of 1876 Philadelphia Centennial Exposition materials formed the backbone of the early collection, together with donations of Far Eastern coins from the Collections of President Ulysses S. Grant and George B. Glover. (Michael Hodder)

457 DEISHER, BETH. S.S. Central America Yields First Discovery Ingot of Blake & Co. *CW* Vol. 31 No. 1555 (31 Jan. 1990) pp. 1, 34 illus.

The salvage of the wreck of the S.S. Central America (sank 1875) had previously revealed transport gold ingots assayed by the California firms of Harris, Marchand & Co.; Justh & Hunter; Henry Hentsch; and Kellogg and Humbert. The newly discovered ingot, assayed by Blake & Co., is the first known with this maker's mark. Details of the history of the firm are provided. (Michael Hodder)

458 DOTY, R.G. Early United States copper coinage: the English Connection. *BNJ* Vol. 57 (1987) pp. 54-76 illus.

The author presents a survey of the supply Boulton, Watt & Co. of copper planchets (blanks) to the U.S. Mint between 1797 and 1837. (Edward Besly)

459 FACKELMAN, JAY. 1822/1 O-102A? *JRJ* Vol. 4 No. 3 (Dec. 1989) p. 21 illus.

A possibly new obverse die state in combination with O-102 is plated and described. (Michael Hodder)

460 FIVAZ, BILL. A New Die State for the 1838 V-14 Half Dime. *GobrechtJ* Vol. 16 No. 46 (Nov. 1989) pp. 30-31 illus.

A later reverse state than previously known is noted. The first numeral of the date was apparently repunched. (Michael Hodder)

461 FIVAZ, BILL and STANTON, J.T. *The Cherrypicker's Guide to Rare Die Varieties*. (Savannah, GA, Atlantic Printing Co., 1990) not paginated; illus.

An illustrated guide to many collectible and rare die varieties of U.S. steam press coinages. Collectors' inventory and cost templates are provided for the nearly 200 die varieties listed. Each is described and diagnostics listed in detail. The majority are doubled dies, repunched or overdated ones. (Michael Hodder)

462 FIVAZ, BILL. Very Late Die State of the 1836 (B-1) Quarter. *JRJ* Vol. 4 No. 3 (Dec. 1989) pp. 26-28 illus.

The author illustrates and describes a very late state of the obverse die in this combination. The die had shattered transversely in two directions. (Michael Hodder)

463 GANZ, DAVID L. Our New Dollar. *COINage* Vol. 25 No. 12 (Dec. 1989) pp. 74-76, 80, 82, 146 illus.

The author discusses the drawings by the artists of designs for the 1990 Eisenhower dollar, authorized 3 October 1988 by PL 100-467. (Michael Hodder)

464 GENDERKE, MARTIN T. *American numismatic auctions*. (Jackson Heights, NY, The Author, 1985) 193 pp.

465 GIBBS, WILLIAM T. Research Labels 1861 Paquet \$20 an Unofficial Philadelphia Strike. *CW* Vol. 30 No. 1545 (22 Nov. 1989) pp. 1, 12 illus.

A report concerning a paper read at the 1989 American Numismatic Society's Coinage of the Americas Conference is published. *(Michael Hodder)*

466 GIBBS, WILLIAM T. U.S. Gold Coinage Subject of ANS Conference. *CW* Vol. 30 No. 1545 (22 Nov. 1989) pp. 32, 34, 41.

The author publishes short reports on seven of the conference speakers' presentations. *(Michael Hodder)*

467 GILKES, PAUL. Cincinnati's Osbourne Oldest Private Mint. *CW* Vol. 31 No. 1555 (31 Jan. 1990) pp. 115-116, 119 illus.

Founded in the 1840s, the Osbourne mint produced tokens, medals and political campaign pieces through the 1890s. The company still preserves some of its earlier political token dies. The author suggests that the founder of the firm, Z. Bisbee, joined with one Fischel to form the Cincinnati Mining and Trading Company. *(Michael Hodder)*

468 GOLDSTEIN, ERIK. Rare Vermont Cent Found. *PennyWise* Vol. 24 No. 1 (15 Jan. 1990) p. 18 illus.

A new specimen of the struck variety of Ryder-5 is plated, but not attributed. The weight is given. This new example, the fourth known, was found in an eastern New York state accumulation and is the finest example known. *(Michael Hodder)*

469 GREEN, PAUL M. Behind the New Ike Dollar. *COINage* Vol. 25 No. 12 (Dec. 1989) pp. 84, 88 illus.

The author discusses the background surrounding the choice of John Mercanti's design for the obverse type. *(Michael Hodder)*

470 HALPERIN, JAMES L. N.C.I. grading guide: a step-by-step approach to the grading of uncirculated and proof coins. (Dallas, Ivy Press, 1986) 154 pp. illus. ISBN 0-933372-02-7.

471 HARMON, WILLIAM A. The New 1841-O V-5 Half Dime. *GobrechtJ* Vol. 16 No. 46 (Nov. 1989) pp. 19-21 illus.

The author publishes a new die combination, the obverse of 1841-O V-2 (late state) and the reverse of 1840-O V-7 (also late state). *(Michael Hodder)*

472 HODDER, MICHAEL. Did New Jersey Coppers Officially Circulate in 1792? *ColN* Vol. 31 No. 1 (March 1990) pp. 1152 ff.

Debates and resolutions of the Seventeenth General Assembly of New Jersey, 24-28 November 1792, show that the state authorized its treasurer to release for circulation coppers struck nearly five years earlier. A contemporary diary reference shows that New Jersey coppers were in active circulation in May 1794. *(Author)*

473 KAGIN, DONALD. Private Gold Coins and Patterns of the U.S. *Brasher Bulletin* Vol. 2 No. 2 (Fall, 1989) pp. 4-6 illus.

The author provides revised rarity ratings and population census figures for the Templeton Reid and Bechtlers coinages. The first installment of a planned revision of the author's earlier (1981) study of the series. (Michael Hodder)

474 KAROLEFF, BRAD. 1812 O-107 Capped Bust Half Die State Study. *JRJ* Vol. 4 No. 3 (Dec. 1989) pp. 16-20 illus.

The obverse die of this combination clashed repeatedly with its reverse mate. Progressive damage to the reverse is photographically detailed and eight separate states are discerned. In its latest state, the obverse showed minor damage and was paired with another reverse to create the O-108 combination. (Michael Hodder)

475 LA MARRE, TOM. The Silver Coinage of 1916. *Legacy* Vol. 2 No. 3 (Fall, 1989) pp. 12-15, 36, 39 illus.

An account of the issue of the 1916 dime, quarter, and half dollar is published. (Michael Hodder)

476 LITT, WILLIAM. The National Banking System. *PM* Vol. 28 No. 6 (Dec. 1989) pp. 185-190 illus.

The author suggests that modern analyses of the National Banking system have overlooked the human impact of the nationalization of capital creation. By culling funds that might have been invested locally and concentrating them in the financial centers of the nation, local agricultural interests became impoverished. (Michael Hodder)

477 MC CLOSKEY, JOHN W. Early Gold of Charlotte Mint Hard to Find. *CW* Vol. 31 No. 1555 (31 Jan. 1990) p. 114 illus.

The two obverses and four reverses used on the 1839 quarter eagle coinage of the Charlotte mint are described. Enlarged illustrations of some salient die features are included. (Michael Hodder)

478 MOSSMAN, PHILIP. Money of the Colonies and Confederation: A Numismatic, Historic, and Economic Correlation. *ColN* Vol. 30 No. 1 (March 1990) pp. 1144-1149.

A reexamination of the author's earlier study (1986) of the Connecticut coppers series, made possible by new data. The metrology of the series suggests fifteen large groupings, each of which is analyzed and compared to the statutory weight for the coinage. Weight groupings can indicate different minting sites. The most common Confederation copper submitted for auction sale appears to be New Jersey Maris 56-n, followed by Connecticut Miller 4-L, both dated 1787. (Michael Hodder)

479 NAPOLITANO, CHRIS. The 1871-CC Seated Dollar. Authentication Through Die Characteristics. *GobrechtJ* Vol. 16 No. 46 (Nov. 1989) pp. 27-28 illus.

An examination of 25 of the known specimens (total population under 75) shows that all were struck from an obverse with a small die chip connecting two dentils below the 7 in the date. This feature may be diagnostic of genuine examples.

(Michael Hodder)

480 PERKINS, GEORGE C. A Newly Discovered Connecticut Die Combination. *ColN* Vol. 29 No. 3 (Dec. 1989) pp. 1108-1110 illus.

The author describes a new reverse die combination with Miller 1787 obverse 33.46, creating 33.46-Z.22. Population census data for 33.46-Z.21 and 33.2-Z.22 are provided.

(Michael Hodder)

481 POLLOCK, ANDREW W., III Another 1829 V-18 Half Dime. *JRJ* Vol. 4 No. 3 (Dec. 1989) p. 37 illus.

A second example of V-18 of 1829 was discovered unattributed in an accumulation. The variety is a combination of the obverse of V-3 and the reverse of V-10.

(Michael Hodder)

482 REIVER, JULES. Die States of the 1837 N-9 Cent. *PennyWise* Vol. 24 No. 2 (15 March 1990) pp. 64-65 illus.

Ten separate die states (obverse and reverse combined) are listed for this combination. The author's shorthand for describing the states of a large cent die, created for home computer tracking, is discussed. The system can be adapted to any series, early American or federal.

(Michael Hodder)

483 RETZ, ROB and BREEN, WALTER. New Specimen of 1797 NC-1 Discovered. *PennyWise* Vol. 24 No. 2 (15 March 1990) pp. 62-63 illus.

The fifth and second finest NC-1 of 1797 was discovered among a lot of unattributed coppers. It is in the earliest die state known. The rarity of the die combination (reverse F of 1796 and a new obverse) is explained by the rapid failure of both dies in this marriage.

(Michael Hodder)

484 ROCHETTE, ED. The Man Who Salted the Waters of the Maine Coast. *COINage* Vol. 25 No. 12 (Dec. 1989) pp. 132, 134 illus.

The story of Reverend Ford Jernegan's Electrolytic Marine Salts Company of Lubec, Maine. The scheme was to defraud investors by false claims of extracting gold from seawater by means of "accumulators" on the ocean floor. The findings were salted by Jernegan's diver; Jernegan fled to France—escaping arrest and absconding with nearly 100,000 dollars.

(Michael Hodder)

485 ROCK, JEFF. Numismatic Literature for Pioneer and Territorial Gold. *Brasher Bulletin* Vol. 2 No. 2 (Fall, 1989) pp. 9-13.

An annotated bibliography of this literature is published. This article is the first part of a projected series.

(Michael Hodder)

486 RUST, ALVIN E. *Mormon and Utah coin and currency*. (Salt Lake City, Utah, Rust Rare Coin Co., 1984) 247 pp. illus.

487 SCHMIEDER, THOMAS K. *Collecting and investing in United States small cents*. 2nd edition. (New York, Sanford J. Durst, 1985) 110 pp. illus.

488 TETTENHORST, R. The 1854 Copper-Nickel Pattern Half Cent — Does It Exist? *PennyWise* Vol. 24 No. 2 (15 March 1990) pp. 56-60 illus.

This article is the first of a three part investigation into the existence, real or imaginary, of the 1854 copper-nickel pattern half cent, Judd-155. The Dupont-Spence and Woodin-Farouk-Norweb coins are discussed. (Michael Hodder)

489 TODD, NEIL B. *A catalogue of Billingsgate market tallies*. (Newtonville, MA, Colony Coin Co., 1985) 53 pp. illus.

For additional references to the numismatics of the United States, see the following abstracts:

Medals and Decorations, No. 538.

Paper Money, Nos. 562, 565, 566, 567, 568, 569, 570, 574, 575, 589, 590, 596, 602, 604, 605.

Tokens and Jetons, Nos. 608, 609, 611.

CANADA

490 BANNING, TED. Sir Isaac Brock in Numismatics. *Centinel* Vol. 37 No. 4 (Winter, 1989/1990) pp. 23-27 illus.

Commander of the garrison at Quebec (1806-1810), later acting Lieutenant Governor of Upper Canada and commander-in-chief of the British forces in Ontario (1811-1815), Sir Isaac Brock is commemorated on several numismatic items described by the author. The discussion also includes notes on other War of 1812 medals.

(Michael Hodder)

491 SCHOR, S.R. New Varieties of Canadian Large Cents. *Num* Vol. 101 No. 2 (Feb. 1990) pp. 238-241 illus.

The author describes eight apparently unpublished large cent varieties, four of which are in the American Numismatic Society's collection. A valuable bibliography on the subject is appended; one of the very few to be found in studies on Canadian large cents. (Michael Hodder)

492 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 1 (Jan. 1990) pp. 26-39.

The author begins a series of studies of the history of Canadian decimal denominations. Large and small cents are discussed in a year-by-year treatment, mintage figures

provided, notes on some major varieties supplied, and details of the design types added. *(Michael Hodder)*

493 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 2 (Feb. 1990) pp. 50-54.

The author studies Canadian decimal issues, covering silver five-cent pieces in this article. Mintages, variety notes, and design types are discussed. *(Michael Hodder)*

494 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 3 (March 1990) pp. 85-89.

The author discusses nickel five-cent pieces. *(Michael Hodder)*

495 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 4 (April 1990) pp. 132-140.

The ten- and twenty-cent pieces are described and discussed. *(Michael Hodder)*

496 WILLEY, R.C. Some Aspects of Canadian Decimal Coins. *CNJ* Vol. 35 No. 1 (Jan. 1990) pp. 5-17 illus.

Reprinted for the second time (first in 1983) from the *Bulletin* of the Regina Coin Club, the article describes the history and lore of Canada's 1858-date decimal coinages. Provincial exchange rates, nation-wide circulation patterns, and some notably rare issues are briefly noted. *(Michael Hodder)*

MEXICO, CENTRAL AND SOUTH AMERICA

497 OLROG, F. Mynt på St. Barthélemy 1784-1878 (5) [Coins from St. Barthélemy 1784-1878 (5)]. *SNT* No. 8 (1989) pp. 187-192 illus.

As a sequel to his earlier articles, the author gives a survey of the different foreign coins (mainly Spanish) in use in the Swedish West Indian colony. *(Bengt E. Hovén)*

498 PRATT MAYANS, MIGUEL ANGEL. *Monedas y ensayos del Paraguay*. (Virginia, Minnesota, D. Seppa, 1985) 112 pp. illus. In Spanish and English.

499 VARMOSE, POUL ERIK BALLE. En Cob-Pillar mynt fra den nye verden. [A Cob-Pillar Coin from the New World]. *NNUM* No. 3 (1990) pp. 54-56 illus. In Danish.

The author describes an 8 reales-piece from Guatemala (before 1747), which he regards as a mule of a cob-coin and a pillar dollar. *(Ulla Westermarck)*

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:

Primitive Money, No. 553.

Paper Money, No. 591.

OCEANIA

500 FELLER, STEVE and SCHWAN, FRED. Books Reveal New Information on Australian Internment Camp Currencies. *IBNS* Vol. 29 No. 1 (April 1990) pp. 16-18 illus.

Although billed as a review, this article extracts most of the numismatically significant content of the *The Dunera Internees* (Benzion Patkin, Cassell Australia Ltd., Stanmore N.S.W., 1979). The *Dunera* carried several thousand internees from England to Australia. Chit issues from Camp 7 (also known as Camp Hay) are surveyed. A list (from other sources) of known Australian internment camps is given, showing the types of prisoners in each, with information about known scrip and token issues.

(Joseph E. Boling)

For additional references to the numismatics of Oceania, see the following abstracts:

Paper Money, Nos. 592, 593, 594, 595.

MEDALS AND DECORATIONS

501 ALTIERI, GIANCARLO. *Maria nelle collezioni numismatiche del Medagliere Vaticano* (Città del Vaticano, Biblioteca Apostolica Vaticana 1988) 120 pp. illus.

The author discusses the iconography of the Madonna as manifested on coinage struck by the Church Council (influenced by the Papal teaching), devotional and commemorative medals and on Byzantine, pontifical and Italian municipal coinage.

(Andrea Carignani)

502 ATTWOOD, PHILIP. A medal of Nicholas V by Paladino. *The Medal* No. 14 (Spring 1989) pp. 24-27 illus.

503 ATTWOOD, PHILIP. Effie Stillman, sculptor and medallist. *The Medal* No. 14 (Spring 1989) pp. 48-59 illus.

504 AZMET, A. Selman-i Pak. *BültenTürkNumSoc* Vol. 27 (1989) pp. 21-22.

A medal minted for the triumph of the Ottomans over the British at Selman-i in Iraq (Kut-ul Amare) during WWI is discussed. (Ömer Diler)

505 BLOCK, DAVID. Napoleonic Medals: The Spoils of War. *NI* Vol. 25 No. 4 (April 1990) pp. 77-81 illus.

Medals commemorating the events in 1805 are discussed. (Joseph Uphoff)

506 BOCCOLARI, GIORGIO. *Le medaglie di casa d'Este.* (Modena, Aedes Muratoriana 1987) 356 pp. illus.

The catalogue of the medals of the members of the house of Este by the most famous engravers of the various epochs (Pisadanello, Sperandio etc). Chronologically the most ancient piece is a medal of Amadio of Milan for Niccolo III (1393-1441), the latest relates to Francesco V of Austria Este Duke of Modena (1819-1875) and to his family. (Andrea Carignani)

507 BRAUNERHIELM, T. Medalj över Carl Palmstedt [A Medal of Carl Palmstedt]. *SNT* No. 8 (1989) pp. 193-194 illus.

The Swedish engineer Carl Palmstedt (1785-1870) is commemorated by a medal struck by the Swedish Royal Academy of the Engineering Sciences. (Bengt E. Hovén)

508 BRAUNERHIELM, T. Medalj över Gustaf Dalén [Medal of Gustaf Dalén]. *SNT* No. 9/10 (1989) pp. 228-229 illus.

The famous Swedish engineer and Nobel Prize winner Gustaf Dalén (1869-1937) was commemorated in 1982 with a medal by the Swedish Royal Academy of the Engineering Sciences. (Bengt E. Hovén)

509 BURCKART, HEINZ. "Sachsens Denckmal" auf Teuerungsmedaillen des 18. Jahrhunderts. *Sächsische Heimatblätter Dresden* Vol. 36 No. 1 (1990) pp. 11-14.

The author is concerned with the Saxon Teuerungs- and emergency medals of the 18th century and investigates the frequency of the obelisk used as a Saxon monument. (Paul Arnold)

510 DE ROUCEMONT, DENISE. Les Graveurs Neuchatelois. *The Medal* No. 14 (Spring 1989) pp. 30-37 illus.

511 DUCHAMP, MICHEL. Quelques Portraits de Carl von Dalberg Prince Primat de la Confederation du Rhin. *The Medal* No. 14 (Spring 1989) pp. 38-45 illus.

512 EIMER, CHRISTOPHER. *An Introduction to Commemorative Medals.* (London, B.A. Seaby, Ltd. 1989) illus.

This account of British commemorative medals sets them in their European context and provides the stories behind the medals and their commemorative occasions. Detailed descriptions and values for the medals are given, and a glossary and index are provided. *(Paula Turner)*

513 ENDRUSSEIT, BRUNO. Medaillen zur Geschichte der Stadt Stralsund. 2. Nachtrag. *NH* No. 61 (Rostock, 1989) pp. 39-51 illus.

The author completes his 1985/6 catalogue of the medals of Stralsund. *(Paul Arnold)*

514 FACH, ULRICH and SCHARFENBERG, UTE. Medaillen anhaltischer Städte und Gemeinden von 1948 bis zur Gegenwart. *NumBeitr* Vol. 22 No. 3 (1989) pp. 101-111.

The report comprises a catalogue of the medals issued in 1948 by the cities and communities in Anhalt. *(Paul Arnold)*

515 FARRINGTON, ANTHONY. *The second Afghan war, 1878-1880, casualty roll*. (London, London Stamp Exchange 1986) 189 pp. ISBN 0-948130-70-9.

516 FEARON, DANIEL. Medallic restitutions by James 'Athenian' Stuart. *The Medal* No. 14 (Spring 1989) pp. 28-29.

517 FILIPOW, KRZYSZTOF. Order Niepokalanego Poczęcia Najświętszej Marii Panny [Order of the Immaculate Conception of the Most Holy Virgin Mary]. *MedFal* Nos. 15-18 (1985, publ. 1988) pp. 1-9.

Since the equality of the gentry in Poland discouraged any domestic medals and decoration, during the reign of Wladislaw IV (1633-1648) the idea to introduce the order of the Immaculate Conception of the Most Holy Virgin Mary was considered. Pope Urban VIII gave his blessing to the order in 1634. The golden chain of the lis-shaped links and the enamelled cross remained as a project until the gentry's disagreement forced the abandonment of the order in 1638.

(Andrzej Mikołajczyk)

518 GABRISCH, K. and RHODES, N.G. Nepalese medals of the 3rd Nepal-Tibet War—1855-6. *NCirc* Vol. 97 No. 8 (Oct. 1989) pp. 260-263 illus.

519 GIEROW, GERHARD. Volksmedaillen des 18. und 19. Jahrhunderts auf geschichtliche Ereignisse um Preussen. *NH* No. 64 (Berlin, 1990) pp. 70-79.

The author describes 17 so-called toy-shop-medals on which historical events of the 18th and beginning of the 19th century appear. *(Paul Arnold)*

520 GRUND, RAINER. Das Schaffen des sächsischen Medailleurs Paul Sturm während der Ausstellung an der preussischen Staatsmünze in Berlin.

NumBeitr Vol. 22 No. 2 (1989) pp. 59-61.

The author discusses the coins and medals prepared by Sturm on commission for Berlin. (Paul Arnold)

521 GRUND, RAINER. Die Medaillenkunst in der DDR von 1984 bis 1989. *The Medal* No. 16 (Spring 1990) pp. 82-95 illus.

The author gives an instructive overview concerning the development of medallic art in the DDR from 1984 to 1989 and discusses the artists and the most important centers of medallic art. (Paul Arnold)

522 GÜNTHER, WERNER. Die anhaltischen militärischen Dienstausszeichnungen. *NumBeitr* Vol. 22 No. 3 (1989) pp. 113-114.

The article describes an exhibit of military orders of the dukes of Anhalt, 19th-20th centuries. (Paul Arnold)

523 HARKE, KURT. Medaillen, Plaketten, Abzeichen, Ehrengaben und Auszeichnungen des Kulturbundes des DDR. 1. Teil: Gesellschaft für Heimatgeschichte. *NH* No. 46 (Gera, 1989) 128 pp.

The author catalogues the medals which have been issued by the Gesellschaft für Heimatgeschichte des Kulturbundes der DDR. (Paul Arnold)

524 HERBER, OTTO. Medals of Czechoslovak Universities. *The Medal* No. 14 (Spring 1989) pp. 63-71 illus.

525 KAHLER, FRIGYES. A felszabadító háborúk legszebb érmei [The Most Beautiful Medals of the Liberation War]. *AzÉrem* Vol. 2 (1989) pp. 24-30.

The author describes 16 medals which were issued to commemorate the Liberation War from the Turks in the 17th century. (István Gedai)

526 KAZDAL, M.N. Emraz-i Sariye-i Hayvaniye Kongresi Madalyonu [Zoological Illnesses Congress Medallion]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 23-24.

The author discusses a medallion minted for the congress held in 1927 by the Turkish, Romanian, Greek, Yugoslavian and Bulgarian nations to confer on animal import/export/transits. (Ömer Diler)

527 KAZDAL, M.N. Misirda Yapılan Atletizm Müsabakalarına Ait Madalyon [A Medal of the Athletic Competition that Took Place in Egypt]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 29-30.

528 KOMISZÁR, JÁNOS. Honvéd Hadastyán Egyletek és Otthonok emlékérméi [Medals of Societies and Hospitals of Veterans]. *AzÉrem* Vol.

2 (1989) pp. 16-18.

The author publishes 20 medals of societies and hospitals of veterans.

(István Gedai)

529 LIEBE, B. Jubiläen, dargestellt auf Medaillen und Plaketten des Bezirkes Potsdam. *NH* No. 59 (Potsdam, 1989) pp. 4-9 illus.

The author describes 13 new jubilee medals from the Potsdam region.

(Paul Arnold)

530 MARLES, EVE. Lord Florey's Medals. *SCMB* No. 842 (July/Aug. 1989) pp. 165-168 illus.

531 Medalla commemorativa del millenari de la independència de Catalunya. *L'Arxíu* Vol. 4 (Secció Numismàtica del C.F.N. de Barcelona, 1989) pp. 139-140.

532 MIRNIK, IVAN. Robert Frangeš-Mihanović. *The Medal* No. 14 (Spring 1989) pp. 60-62 illus.

533 MOLNÁR, MIHÁLY. Kistelek numizmatikari emlékei [The Numismatic Objects of Kistelek]. *AzÉrem* Vol. 2 (1989) pp. 36-42.

Kistelek is a village in southern Hungary. 16 medals and badges concerned with Kistelek are published.

(István Gedai)

534 OHMANN, WOLFGANG. Zum 200. Geburtstag des Berliner Medailleurs Henri François Brandt. *NumBeitr* Vol. 22 No. 4 (1989) pp. 178-180.

The life and the work of the Berlin medalist Henri François Brandt are discussed.

(Paul Arnold)

535 PICKUP, DAVID. The Hartwell Peace Medal 1843. *The Medal* No. 14 (Spring 1989) pp. 46-47.

536 POSPIŠIL, LEOPOLD. The portrait medals of V.A. Kovanič, the Nestor of Czech Medallists. *The Medal* No. 14 (Spring 1989) pp. 72-79 illus.

537 ROMANOFF, DIMITRI. *The orders, medals and history of Greece*. (Rungsted Kyst, Denmark, Balkan Heritage, 1987) 223 pp. illus. ISBN 87-9812-67-1-7.

538 RULAU, RUSSELL and FULD, GEORGE. *Medallic portraits of Washington*. Centennial edition. (Iola, Krause Publication, 1985) 308 pp. illus.

An illustrated, priced revision of W.S. Baker's 1885 catalogue of the coins, medals and tokens of the Father of his Country.

539 SCHEIDIG, WALTHER. Adolf Straube—ein Weimarer Bildhauer (1810-1839). *JbStKunstsmmlDresden* Vol. 18 (1986) pp. 75-104.

The life and work of the Weimar sculptor and medalist are treated in detail.
(Paul Arnold)

540 SCHER, STEPHEN K. Veritas Odium Parit: Comments on a medal of Pietro Aretino. *The Medal* No. 14 (Spring 1989) pp. 4-11 illus.

541 TALVIO, TUUKKA. *Ars universitaria. Medals from the Collection of the University of Helsinki.* Kati Heinämies, Editor. (The University of Helsinki, 1990) 126 pp. illus. Also in Finnish and Swedish.

An exhibition catalogue of medals connected with the University of Helsinki is published.
(Author)

542 TALVIO, TUUKKA. J.K. Lindstedt mitalien lyöttäjänä [Medals Issued by J.K. Lindstedt]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 2 (1990) pp. 26-29 illus.

Four medals issued by a Helsinki bookseller between 1911 and 1928 are discussed. The medals, three of which have literary motifs, were probably struck by the firm Mayer & Wilhelm in Stuttgart.
(Author)

543 THORNIT, PER. *The Royal commemorative and coronation medals of Scandinavia, 1892-1982.* (Copenhagen, The Author, 1984) 127 pp. illus.

544 THORNIT, PER. *The Royal commemorative and inauguration medals of the Netherlands, 1898-1980.* (Copenhagen, The Author, 1984) 47 pp. illus.

545 TODERI, GIUSEPPE and VANNEL, FIORENZA. *Medaglie russe del Settecento* (Florence, Museo Nazionale del Bargello 1988) 104 pp. illus.

The author reconstructs the history of the nucleus of the 198 Russian medals of the 18th century which entered the Medici collection in 1771 and in 1792. The published medals date to 1672, the year of the birth of Peter the Great, to 1782, the centenary of the coronation of this emperor, on the occasion of the inauguration of the equestrian monument in his honor by Catherine II in St. Petersburg.
(Andrea Carignani)

546 VANNEL TODERI, FIORENZA. La medaglia per l'arrivo a Firenze di Francesco III di Lorena. *RIN* Vol. 91 (1989) pp. 269-284 illus.

On the reverse of the commemorative medal struck in order to record the ephemeral apparition at Florence of Francesco III of Lorena (then Francis I of Austria) appears the equestrian statue of the Grand Duke and in the background the triumphal arch

erected in his honor by the Florentines.

(*Andrea Carignani*)

547 VIRK, WOLFGANG. Die Verdienstmedaillen des Freistaates Mecklenburg-Strelitz. *NH* No. 61 (Rostock, 1989) pp. 52-54.

The author discusses the medals awarded for merit which have been issued by the Freistaat Mecklenburg-Strelitz.

(*Paul Arnold*)

548 VOLTOLINA, PIERO. Medaglia per la fondazione delle mura di Bergamo, 1561. *RIN* Vol. 91 (1989) pp. 285-292 illus.

The author publishes a commemorative medal struck in 1561 by the Republic of Venice to celebrate the construction of the city walls of Bergamo, impressive military work erected to defend the treasury of the Doge.

(*Andrea Carignani*)

549 WADDINGTON, RAYMOND B. Before Arcimboldo. Composite portraits on Italian medals. *The Medal* No. 14 (Spring 1989) pp. 12-23 illus.

550 WIPPLINGER, EVA. Zur Ausstellung "Kunst der DDR 1970-1989". Medaillenkunst in der DDR 1984-1989. *Galerienspiegel Staatliche Galerie Moritzburg Halle* No. 3 (1989) pp. 1-11.

The development of medallic art between 1984 and 1989 is described.

(*Paul Arnold*)

551 WOOLF, NOEL. *The Medallic Record of the Jacobite Movement.* (London, 1988) pp. 161 illus.

552 Zofia Dembowska - uczniowie [Zofia Dembowska - Pupils]. (Biała Podlaska, District Museum 1989) 18 pp. illus.

A catalogue of contemporary Polish medals made by Professor Dembowska's pupils, exhibited in the District Museum in Biała Podlaska, is published.

(*Andrzej Mikołajczyk*)

For additional references to Medals and Decorations, see the following abstracts:

General, Nos. 1, 22.

PRIMITIVE MONEY

553 VAZQUEZ PANDO, FERNANDO ALEJANDRO. De la moneda precortesiana. *MemAcadMexEstudNum* Vol. 4 No. 10 (March 1986) pp. 1-66.

The author's address at a session of the Mexican Academy of Numismatic Studies on 18 March 1986 is published.

PAPER MONEY

554 BEYER, E[RWIN]. *Chinesisches Papiergeld — Versuch Einer Beschreibenden Liste. I: a-bin.* (Grafschaft, Germany, The Author 1989) 119 pp. illus. In German.

The first of an anticipated 40 volumes comprehensive catalogue of modern (post-1851) Chinese notes, including all types except *tiao* notes (Smith/Matravers "type V"). Notes are catalogued in alphabetical order by major title (if any) also given. Many notes not illustrated in Pick or Smith/Matravers are illustrated. Where known, a history of the issuer is given, followed by all known types and major varieties of notes from that issuer. Additional volumes are scheduled to be published quarterly.
(Joseph E. Boling)

555 BEYER, E[RWIN]. *Chinesisches Papiergeld — Versuch Einer Beschreibenden Liste. II: cai-da.* (Grafschaft, Germany, The Author 1989) 166 pp. illus. In German.

556 BEYER, E[RWIN]. *Chinesisches Papiergeld — Versuch Einer Beschreibenden Liste. III: dang-dongbei.* (Grafschaft, Germany, The Author 1989) 144 pp. illus. In German.

557 BEYER, E[RWIN]. *Chinesisches Papiergeld — Versuch Einer Beschreibenden Liste. IV: dongfan-fulong.* (Grafschaft, Germany, The Author, 1989) 149 pp. illus. In German.

558 BEYER, E[RWIN]. *Chinesisches Papiergeld — Versuch Einer Beschreibenden Liste. V: fumao-guangtai.* (Grafschaft, Germany, The Author 1990) 169 pp. illus. In German.

559 BIEDERSTÄDT, OSKAR. *Demminer Notgeldscheine.* NH No. 56 (Neubrandenburg, 1989) pp. 10-19.

The article is concerned with the emergency money from Demmin.
(Paul Arnold)

560 BOLTON, JAAP. *Het Nederlands bankbiljet en zijn vormgeving, met een lijst van de door de Nederlandsche Bank uitgegeven bankbiljetten samengesteld door P.J. SOETENS.* (Amsterdam, De Nederlandsche Bank 1987) 327 pp. illus. In Dutch. ISBN 90-207-1610-7.

A complete history of the development of the notes of De Nederlandsche Bank, with emphasis on the artistic and technical approaches used in designing and producing the notes. Hundreds of design sketches and proofs are shown, most in color,

as well as paper and watermark designs. The text is accompanied by a comprehensive catalogue of the bank's emissions. (Joseph E. Boling)

561 BRILL, MICHAEL. An Explanation of the Prefix and Serial Systems for the Bank of England White Note Series. Part I: London 5-pound of the twentieth century. *IBNS* Vol. 29 No. 1 (April 1990) pp. 9-12 illus.

A listing of observed date/serial prefix combinations, starting from the first issues of Chief Cashier John Nairne, is given with an attempt at reconciling observed irregularities with the hypothesized system for deriving prefixes. (Joseph E. Boling)

562 BRUCE, ANGUS E. Monies of Operation Crossroads. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 86-89 illus.

Souvenir notes issued in conjunction with the atomic bomb tests at Bikini Atoll in July 1946 are described. A new discovery, issued on the U.S.S. Sumner (DD692), is also presented. (Joseph E. Boling)

563 CAMPBELL, LANCE K. Script *[sic]* of the Flossenburg Concentration Camp. *IBNS* Vol. 29 No. 1 (April 1990) pp. 8-9 illus.

A brief history of the camp and its scrip emissions is given. The issues included *pramienschein* in 2 denominations from the main camp and 17 denominations of chits of the Metallwerke Holleischen, from the Holysov subcamp. (Joseph E. Boling)

564 CAMPBELL, LANCE K. Vichy France—Bon de Solidarite Note Varieties. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 68-73 illus.

The *bons de solidarite* of WWII France are discussed and illustrated. Translations of the texts on the backs are given and the major varieties are described. The notes were actually receipts given for donations to three relief organizations supporting POWs and civilians displaced by the war. (Joseph E. Boling)

565 COCHRAN, BOB. What's in a Name? *PM* Vol. 29 No. 1 (Jan./Feb. 1990) pp. 5-7, 15 illus.

During the months of October-November 1864 the directors and stockholders of the Bank of North America, chartered 31 December 1781, debated reorganizing as a national bank. First Charter National currency notes were subsequently issued, dated 8 December 1864, yet the bank's name was unchanged. The author reprints correspondence outlining the reason "national" was not prefixed to the bank's name. (Michael Hodder)

566 DOTY, RICHARD. Early Connecticut Notes Intrigue Collectors. *CW* Vol. 30 No. 1545 (22 Nov. 1989) pp. 28, 48, 50, 83 illus.

The author continues the catalogue of obsolete bank notes in the National Numismatic Collection. Conn 1-12: Danbury Bank of Danbury-Fairfield County Bank (Westport). The notes are illustrated in full size, described and dated. (Michael Hodder)

567 DOTY, RICHARD. Note Catalogue Adds Five New Delaware Entries. *CW* Vol. 31 No. 1555 (31 Jan. 1990) pp. 96-98 illus.

Continuation of the listing of obsolete bank notes in the National Numismatic Collection is published. Del 1-5: Farmers and Mechanics Bank of Milford-Corporation of the Borough of Wilmington. Notes are illustrated in full size, described and dated.
(Michael Hodder)

568 DOTY, RICHARD. District of Columbia Note Listing Continues. *CW* Vol. 31 No. 1558 (21 Feb. 1990) pp. 106, 108, 111-113, 120 illus.

Part two of the series listing the National Numismatic Collection's holdings of 1830s scrip is published. Georgetown issuers include: Falls Bridge Turnpike Co. (continued from part one); O.M. Linthicum; P.L. Massey; G. Oyster; J.A. Ratcliff; and W.H. Tenney. Washington issuers include: Corporation of Washington; Samuel Bacon; John F.D. Callan; Samuel Carusi; and John Coburn. Notes are illustrated in full size, described and dated.
(Michael Hodder)

569 DOTY, RICHARD. District of Columbia Scrip Outcome of Panic of 1837. *CW* Vol. 31 No. 1556 (7 Feb. 1990) pp. 40, 42, 44, 46 illus.

The author publishes part one of a series describing the 1837 scrip issued by merchants and banks, held in the National Numismatic Collection. Regarding Georgetown, issuers include: the Corporation of Georgetown; G.R. Copley; S. Cunningham; and Falls Bridge Turnpike Co. Notes are illustrated in full size, described and dated.
(Michael Hodder)

570 DOTY, RICHARD. Search for Early Issuers a Challenge for Researchers. *CW* Vol. 31 No. 1559 (28 Feb. 1990) pp. 118-124 illus.

In part three the author deals with the District of Columbia 1837 scrip. Washington issuers include: George M. Donn; Marc Dubant; John D. Emack; G.S. Farquhar; Foundation Inn [James S. Davis]; Energy Hardwich; F. Howard; John Lynch; Richard Mockbee; National Hotel [W. Gadsby]; George A.W. Randall; John Rielley; Washington and Georgetown Directory (Alfred Hunter); Thomas E. Wilson; and Samuel Wroe. The notes are illustrated in full size, described and dated.
(Michael Hodder)

571 DUGGLEBY, VINCENT. *English paper money*. 3rd edition. Colin Narbeth, Editor. (London, Stanley Gibbons, 1984) 182 pp. illus.

572 FENGLER, HEINZ. *Bibliographie deutschsprachiger Veröffentlichungen über Geldscheine und Wertpapiere. Fortsetzung. Kleine Schriften des Münzkabinetts Berlin, Na 10.* (Berlin, 1989) 48 pp.

The author publishes the first continuation and supplement to his 1979 bibliography of German publications concerning banknotes and securities.
(Paul Arnold)

573 FENGLER, HEINZ. Eine geldgeschichtliche Betrachtung zu den

Obligationen des ehemaligen Königreichs Westphalen. *Berliner Numismatische Forschungen* Vol. 3 (1989) pp. 91-103.

The author is concerned with the bonds of the former Königreichs Westphalen.
(Paul Arnold)

574 HOOBER, RICHARD T. Railroad Notes and Scrip of the United States. *PM* Vol. 28 No. 6 (Dec. 1989) pp. 193-194.

Listings VA (Richmond) and Wisconsin are published, together with addenda to Arkansas (Camden); Connecticut (Bridgeport); Georgia (Savannah); Maryland (Annapolis); Bi-state (Beloit, Wisconsin and Freeport, Illinois). (Michael Hodder)

575 HUNTOON, PETER. Treasury Serial Numbers by Year for the Early Large-Size National Bank Notes. *PM* Vol. 28 No. 6 (Dec. 1989) pp. 181-184, 190 illus.

As extracted from reports of the comptroller of the currency, the author tabulates the first serial numbers delivered each year from 1863-1902 for the various sheet combinations then in use.
(Michael Hodder)

576 IVOTCHKINA, N.V. Premises and Origin of Paper Money Introduction In China. *The Transactions of the State Hermitage Museum* Vol. 27 (Leningrad, 1989) pp. 84-95.

The introduction of the paper money system in China was made possible due to the economic shifts of the Sung period, which resulted in the development of commodity-money relations requiring the increase of money in circulation. The analysis of the forms of the materialization of the currency leads to the conclusion that in this ideological foundation of the Chinese society must be taken into consideration, i.e., how general cultural patterns affect various means of circulation. In China, paper money appeared in the 11th century as a reaction to the low economic value of copper and the impossibility to use precious metal as the general measure of value. This was due to the development of credit system, the history of which, from the Han to T'ang period is outlined in the article.
(Author)

577 IVOCHKINA, NINA VLADIMIROVNA. *Vozniknovenie bumazhnodenezhnogo obrascenija v Kitae: epohi Tan i Sun* [The Origin of Paper Money Circulation in China]. (Moscow, Nauka 1990) 190 pp. illus.

The book is an essay on the development of paper money in China prior to the 14th century with particular attention to the T'ang and Sung periods. The Jurchen Chin state (1115-1234) where the Sung cycle of the paper money development was replicated is also considered. Source material scrupulously analyzed: archaeological remains of Chinese paper currency; Chinese historical records (mainly dynastic histories); Chinese official documents from Tunhuang; Chinese coins; European travellers' accounts; credit money; the historical roots of the origin of paper money prior to and under the T'ang; and the beginning of paper money circulation during the Sung. The last two sections form the bulk of the book. Appended are (a) an English summary; (b) a list of 200-odd references (in Russian, European, Chinese, and Japanese); and, (c) a supplement, A Catalogue of Sung and Chin Dynasties' Notes.

The new conclusions are: (1) paper money appeared in China in specific conditions when unportable copper was used as a monetary standard. (2) The T'ang and particularly the Sung epochs were marked by a sweeping expansion of commodity and money relations which required additional currency. (3) The appearance of paper money is a result of the development of credit relations which may be traced back to Chinese historical records. (4) Various kinds of private paper credit money became subsequently the state paper money. (5) The possibility of such transformation was provided by the powerful government of China. (6) Paper money isn't related to a specific social structure, but is ubiquitous in money circulation.

(Isolda Tsiperovich)

578 KLAUS, LADISLAV. Notes from the German Takeover of Czechoslovakia. *IBNS* Vol. 29 No. 1 (April 1990) p. 19.

The background behind the production of "mobilization crowns" (Pick Czech No. 27-28) and their conversion to issues of Bohemia and Moravia (Pick No. 1-2) by the Germans is presented.

(Joseph E. Boling)

579 KOWALSKI, MARIAN. Das älteste polnische Papiergeld—Emission 1794. *NH* No. 49 (Berlin, 1989) pp. 78-90.

The author discusses the oldest Polish paper money issue of 1794.

(Paul Arnold)

580 KRANISTER, W. *The Moneymakers International* (Cambridge, 1989) 326 pp. illus.

A highly-illustrated account of the design, manufacture and counterfeiting of banknotes, worldwide, is published.

(Edward Besly)

581 KROMANN, ANNE. To skånske valuter. *Lit. Festschrift till Lars O. Lagerqvist* (*NM* 37, Stockholm 1989) pp. 221-223 illus.

The author publishes two 'valutor' (private paper money) from Scania, dated 1762 and 1766.

(Ulla Westermarck)

582 LINKE, WALTER. Der 50-Mark-Reichskassenschein von 1899. *NH* No. 49 (Berlin, 1989) pp. 19-24.

The author discusses the 50-mark imperial bank note of the German empire of 1899.

(Paul Arnold)

583 MALCHOW, HERMANN. Die Kolberger Belagerungskoupons von 1807. *NH* No. 64 (Berlin, 1990) pp. 66-69.

The siege coupons of 1807 from Kolberg are treated.

(Paul Arnold)

584 MARQUARDT, WILHELM. Ergänzungen und weitere Erkenntniss zur Thematik des Lagergeldes aus der Zeit der faschistischen Diktatur. *NH* No. 49 (Berlin, 1989) pp. 25-30.

585 MEHLHAUSEN, WOLFGANG. Gedanken zu den Geldzeichen der Okkupation in Polen. *NH* No. 49 (Berlin, 1989) pp. 72-76.

The article is concerned with the German occupation notes in Poland during WWII.
(Paul Arnold)

586 MEYER, HANS and SCHOENAWA, HARTMUT. *Das Papiernotgeld der Mark Brandenburg und Berlin*. 2 Vols. (Werlabergdorf, Lothar Schoenawa, 1985) 116 pp. illus.

587 MIKOŁAJCZYK, ANDRZEJ. Najstarsze pieniądze papierowe (XIV-pocz.XIX w) w zbiorze Muzeum Archeologicznego i Etnograficznego w Łodzi [Oldest Paper Money, 14th Century-early 19th Century in the Collection of the Archaeological and Ethnographical Museum in Lodz]. *Muzeum i numizmatyka*. A. Mikołajczyk, Editor. (Biała Podlaska, District Museum 1990) pp. 11-21 illus.

Ca. 900 Chinese, Japanese, Norwegian, Swedish, Danish, French, Italian, Polish, Austrian, German, English and American notes issued between the 14th and the early 19th century are in the possession of the Archeological and Ethnographical Museum in Lodz.
(Author)

588 NEGLEMAN, RENE. *Les Faux Billets de Necessité du Viet-Nam*. (Nivelles, Belgium, The Author 1987) unnumbered 43 pp. illus. In French.

Recent fakes for collectors of Vietnamese provincial notes and local overprints are presented. These notes began to appear in 1984 and seem to originate in Thailand. The paper and inks are good replicas of the originals. The diagnostic features of the fakes are well-illustrated.
(Joseph E. Boling)

589 NEWMAN, ERIC P. *The Early Paper Money of America*. 3rd edition. (Iola, Wisconsin, Krause Publications, 1990) 482 pp. illus.

The book has been up-dated to include newly discovered issues and new denominations; New York small change notes; the 1780 Connecticut issue guaranteed by the United States. Several issues known only through records have had examples discovered and are now illustrated—the most unusual of which are an early John Law issue and the Spanish colonial issue of 1782. A new appendix covers exchange values of Money of Account for each colony and state demonstrating coordination with major inflationary and deflationary paper money events. A little known letter of Benjamin Franklin defining “nominal money” is included. Indices have been enlarged to cover legends and mottoes; printers, engravers and designers; watermarks; signatures; counterfeit bills; current values.
(Michael Hodder)

590 PIERCE, R.A. Russian-American Company Scrip. *JRNS* No. 37 (Winter, 1990) pp. 35-43 illus.

The author reviews the past literature and notes the major collections of this scrip. Utilizing RAC correspondence archival sources in the U.S. national archives, the author suggests new dating schemes for some issues and proposes the existence of more issues than are known.
(Michael Hodder)

591 POLESKE, LEE. Mexican Note Commemorates Oil Nationalization. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 96-97 illus.

The Mexican 10,000 peso note of 1982, bearing the portrait of former President Lazaro Cardenas, and the history of the 1938 event commemorated by the note, are discussed. (Joseph E. Boling)

592 ROBINSON, MICHAEL and HADAMOVSKY, STEFFEN. Counterfeit Burma and Malaya JIM—A Further Update. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 82-85 illus.

Known British counterfeits of Burmese 10-rupee notes from the estate of Colonel John M. Borgerson are metrologically and artistically compared with assumed genuine notes. Significant differences in paper fabric and weight and minor differences in design details are noted. (Joseph E. Boling)

593 RODGERS, K.A. and CANTRELL, CAROL. Fiji's Commissioners of Currency I: 1914-1933. *IBNS* Vol. 29 No. 1 (April 1990) pp. 4-7 illus.

A tentative listing of the signers of Fiji's government currency notes, reconstructed from related contemporary records, is presented. No formal listing of the commissioners was maintained, and the incumbents changed frequently as colonial officers who had ex officio seats on the board of commissioners changed jobs throughout the Pacific. A biography of Sir Henry Marks, the only member who was a permanent resident of Fiji and who sat on the board almost continuously during these years, is also presented. (Joseph E. Boling)

594 RODGERS, K.A. and CANTRELL, CAROL. *Paper Money of Fiji: I.* (Dallas, IBNS Press 1989) 132 pp. illus.

Catalogue descriptions of the Fijian notes in the Fiji Museum, the National Archives of Fiji, and the Bank of New Zealand Suva Display are given, followed by historical commentary on the note issues of Fiji 1840-1874. Eight appendixes contain laws, lists of officials, selections from *The Government Gazette*, banking documents (prospectus, charter) for Fiji banks, and a preliminary catalogue of Fijian paper money 1867-1987 (including WWII emergency scrip). (Joseph E. Boling)

595 RODGERS, KERRY and SCHWAN, FRED. Gilbert and Ellice Islands Emergency Currency of World War II. *IBNS* Vol. 28 No. 3, 4 (Jan. 1990) pp. 79-81 illus.

Mimeographed notes issued in 1942 to pay phosphate miners and others are discussed. Pertinent passages from the report of the defense, evacuation, and recapture of Ocean Island are quoted. Only three issued notes and one specimen are known to have survived. (Joseph E. Boling)

596 ROHRBACH, PETER T. and LOWELL, S. NEWMAN. *American issue; the U.S. postage stamp, 1842-1869.* (Washington, D.C., Smithsonian Institution Press, 1984) 231 pp. illus.

597 SACHSE, JÖRG. Die Notgeldscheine von Mecklenburg-Schwerin 1919-1924. *NH* No. 49 (Berlin, 1989) pp. 39-68.

The author records the emergency paper money issued between 1914 and 1924 in Mecklenburg-Schwerin. (Paul Arnold)

598 SAKAR, A. Osmanli İmparatorluğunun Son Dönemlerinde İmparatorluğa Halk Yardimi [Peoples' Aid to the Empire in the Last Period of the Ottoman Empire]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 18-20.

The article presents the stamps that declare null and void certain paper monies. The owners then donated their gold value to the empire. (Ömer Diler)

599 SAMMUT, JOSEPH C. Bank and Currency Notes in Malta. (Godwin Said, contributing editor) *Annual Report and Financial Statements: 1987*. (Valletta, Malta, Bank of Valletta 1987) pp. 23-61 illus.

Notes from the first emissions through 1986 are presented, starting with private banknotes in the early 19th century, changing to government issues upon the outbreak of WWI, and converting back to "Central Bank" notes in 1968. The legal bases of the many emissions are cited extensively, and a survey of the economic events behind the emissions is presented. The catalogue section gives complete descriptions (colors, designs, dimensions, signers, dates, watermarks, printers, demonetization dates) and color illustrations of the notes. (Joseph E. Boling)

600 SARKANY, T. Ny 1000-kronorssedel [A New Swedish 1000-Crown Bank-Note]. *SNT* No. 1 (1990) pp. 8-9 illus.

A description of the new banknote is published. (Bengt E. Hovén)

601 STRAUBINGER, BRIGITTE. Jonas Bagge och riksbankens nya sedlar [Jonas Bagge and the New Bank Notes of the Sveriges Riksbank]. *Lit. Festschrift till Lars O. Lagerqvist* (NM 37, Stockholm 1989) pp. 415-423 illus.

After the introduction of the decimal system in Sweden in 1856, the Director of the Banknote Printing Works of the Sveriges Riksbank, Jonas Bagge was commissioned to submit a proposal for new bank notes. Bagge travelled on the continent in order to study the newest printing techniques. Due to various difficulties the issue of the new notes was delayed until 1859. (Ulla Westermarck)

602 SURASKY, CHARLES. *Identifying the postal notes of 1883 to 1894*. (El Monte, CA, The Author, 1985) 9 pp. illus.

603 THIEDE, HEINZ-WILHELM. Die Konversionskasse für deutsche Auslandsschulden. *NH* No. 49 (Berlin, 1989) pp. 6-18.

The conversion tables for German foreign debt are presented. (Paul Arnold)

604 THOMAS, MARK D. Republic Bank Note Co. *PM* Vol. 29 No. 1 (Jan./Feb. 1990) pp. 12-15 illus.

A brief history of the Republic Bank Note Company of Pittsburgh, PA, based largely upon the reminiscences of George W. Goldsworthy, Jr., the son of one of the company's directors, later (1934) himself head of the firm. (Michael Hodder)

605 VILLARREAL, RUDY. Redemption of Mutilated U.S. Currency. *Num* Vol. 103 No. 1 (March 1990) pp. 378-382 illus.

The author, former chief of the Bureau of Engraving and Printing Office, provides a series of anecdotal recollections of cases of redemption of notes damaged by fire, flood, and bovine ingestion. (Michael Hodder)

606 WU CHOUZHONG and GU WENBING. The Verification of the Tibetan Bill with Central Bank Stamp and the Discovery of Tibetan Bill with the Stamp of the Farmer Bank. *China Numismatics* Vol. 1; No. 28 (1990) pp. 51-54. In Chinese.

The Tibetan bill with the stamp of the Central Bank was issued as legal tender by the Central Government in Xikang Province during the anti-Japanese War. The Tibetan bill with the stamp of the Farmer Bank, collected by the author, has never been disclosed.

For additional references to Paper Money, see the following abstracts:

Near and Middle East, Nos. 228, 237.

Far East, No. 260.

TOKENS AND JETONS

607 ARDA, T.S. Oyun Alati Resmi Plaketleri [Tax Tokens Struck on Backgammon Boxes]. *BültenTürkNumSoc* Vol. 27 (1989) pp. 31-36.

608 BURRY, RALPH. The Monte Carlo Saloon of Dawson, Y.T. *CNJ* Vol. 34 No. 11 (Dec. 1989) pp. 422-423 illus.

A history of the Monte Carlo from 1897-1908, with notes of the two known tokens, is given. (Michael Hodder)

609 BURTON, R. LEE, JR. *Canneries of the Eastern Shore*. Centreville, MD, Tidewater Publishers, 1986) 206 pp. illus. ISBN 0-87033-349-6.

610 DICKINSON, M.J. and THOMPSON, R.H. Three seventeenth-century tokens overstruck on others. *NCirc* Vol. 97 No. 10 (Dec. 1989) pp. 325-326 illus.

Three overstruck tokens are identified and explained as follows: (1) Colchester [Essex] 1656 over Westbury [Wiltshire] 1656, produced by the manufacturer; (2) Sweeting's Rents [London] ca. 1659 over Abchurch Lane [London] 1649, for the

same or a related issuer, who revalidated the earlier token and economized on the cost of new blanks; (3) Donington [Lincolnshire] 1663 over Worcester 1664, perhaps in consequence of 1663 no longer being correct when the overstrike was made, but more likely through inconsistent dating of tokens made at the same time and place.

(R.H. Thompson)

611 HODDER, MICHAEL. Were There Three (or More) Rhode Island Ship Tokens with *Vlugtende* on the Obverse? *ColN* Vol. 30 No. 1 (March 1990) pp. 1128-1135 illus.

A specimen of the Rhode Island ship token with *vlugtende* on the obverse was located in the Appleton-Massachusetts Historical Society collection. Results of x-ray fluorescence and x-ray diffraction tests suggest that it is genuine. The zinc contents of late 18th century brasses could be as high as 50 percent or more. Review of the numismatic literature and 19th century auction catalogues shows that at one time at least three different specimens of this rarity existed.

(Author)

612 MOHR, ROLF. Über die Fahrmarken der "Mecklenburgischen Strasseneisenbahn Actien-Gesellschaft". *NH* No. 61 (Rostock, 1989) pp. 20-26.

613 NIYOGI, ROMA. *Money of the People: A Survey of Some Eighteenth and Nineteenth Century Tokens of India.* Monograph No. 14. (Calcutta, Indian Museum, 1989) 92 pp. illus.

The monograph is introduced with brief references to tokens in general and early Indian religious tokens in particular, which are comparable to 18th and 19th century non-Muslim tokens, similar to contemporary later Mughal and East India Company's coins. A major cause of occasional change of the role of these tokens (*Rāmaṭānkās*) as the money of the people has been traced to the scarcity of silver due to the commercial adventurism and monetary policies of the Company. The issue of commercial tokens, similar to Murshidabad machine-struck *sikkas*, may also be attributed to these practices of the Company. The book also includes the motifs and legends of the tokens; dates, regional and cultural associations of some of the pieces; a systematic classification and description of the tokens.

(Author)

614 RHODES, NICHOLAS. Some Notes on Assamese Tea Garden Tokens. *NI* Vol. 25 No. 2 (Feb. 1990) pp. 29-32 illus.

A discussion and catalogue of a few tea garden tokens are presented.

(Joseph Uphoff)

615 SZÖLLÖSY, GÁBOR. Budapesti ebadóbárcák 1879-1949 [The Tax Tokens for Dogs in Budapest Between 1870-1949]. *AzÉrem* Vol. 2 (1989) pp. 13-15.

In Hungary ca. 150 years ago a dog tax was initiated. Tokens were issued upon payment of the tax. The history of these tokens is given.

(István Gedai)

616 THOMPSON, R.H. Williamson the man and his books: a note for

the centenary of G.C. Williamson's *Trade Tokens*. *SCMB* No. 840 (May 1989) pp. 99-102 illus.

A critique of George Charles Williamson (1858-1942), his *Trade tokens issued in the seventeenth century*, and some of his other publications. This work was listed as *NL* 123-800. (Author)

617 WIEDRICH, CHARLES L. Identifying Token Varieties Using Decision Tables. *CNJ* Vol. 35 No. 2 (Feb. 1990) pp. 46-49.

Using the "decision tables" drawn up by the author, the Fisheries and Agriculture token series can easily be attributed to Corteau, Wiley or Charlton classification numbers. (Michael Hodder)

For additional references to Tokens and Jetons, see the following abstracts:

Great Britain and Ireland, Nos. 274, 290, 295.

REVIEWS

ABELA, A.E. Malta's George Cross and War Gallantry Awards. 1989. Rev. A.A. Purves *NCirc* Vol. 97 No. 7 (Sept. 1989) p. 229.

ALLASON-JONES, L. and MC KAY, B. Coventina's Well: a shrine on Hadrian's Wall. 1985; CRUMMY, N., Editor. Colchester Archaeological Report 4: The Coins from Excavations in Colchester 1971-9. 1987. Rev. P.J. Casey *NC* (1989) pp. 260-262.

ALLEN, DEREK. Catalogue of Celtic Coins in the British Museum, Vol. I., Silver Coins of the East Celts and Balkan Peoples. John Kent and Melinda Mays, Editors. 1987. Rev. B.H. Overbeck *NC* (1989) pp. 234-235.

BAHRFELDT, EMIL. Mittelaltermünzen. Ausgewählte Schriften 1981-1928. Auswahl und Einleitung von Bernd Kluge. Leipzig 1987. Rev. W. Steguweit *Berliner Numismatische Forschungen* Vol. 3 (1989) p. 115.

BASTIEN, P. Monnaie et donativa au Bas-Empire. 1988. Rev. A.M. Burnett *NC* (1989) pp. 254-255.

BATESON, J.D. and MAYHEW, N.J. Sylloge of Coins of the British Isles 35, Scottish Coins in the Ashmolean Museum, Oxford, and the Hunterian Museum, Glasgow, 1987. Rev. N.M. McQ. Holmes *NC* (1989) pp. 277-279.

Berliner Numismatische Forschungen. Vol. 1. Berlin 1987. Rev. E. Schönert-Geiss *Klio* Vol. 71 No. 1 (1989) p. 310.

Berliner Numismatische Forschungen. Vol. 2. Berlin 1988. Rev. U. Busch and J. Gottschalk *NumBeitr* Vol. 22 No. 4 (1989) p. 191.

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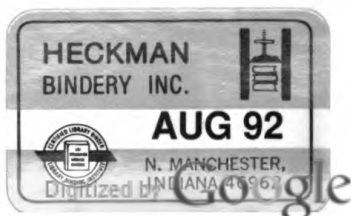
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